

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: _____ Examiner #: _____ Date: _____
Art Unit: _____ Phone Number 30 _____ Serial Number: _____
Mail Box and Bldg Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or nature of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>Jan</u>	NA Sequence (#) <u>✓</u>	STN _____
Searcher Phone #: <u>22504</u>	AA Sequence (#) <u>✓</u>	Dialog _____
Searcher Location: _____	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>6/6</u>	Bibliographic _____	Dr Link _____
Date Completed: <u>6/7</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems <u>✓</u>
Clerical Prep Time: <u>20</u>	Patent Family _____	WWW/Internet _____
Online Time: <u>120</u>	Other _____	Other (specify) _____



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 123904

TO: Phillip Gambel
Location: 3e81 / 3c70
Monday, June 07, 2004
Art Unit: 1644
Phone: 272-0844
Serial Number: 09 / 758173

From: Jan Delaval
Location: Biotech-Chem Library
Rem 1A51
Phone: 272-2504

jan.delaval@uspto.gov

Search Notes

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 7, 2004, 01:56:45 ; Search time 569.149 Seconds
(without alignments)
5650.904 Million cell updates/sec

Title: US-09-758-173-1

Perfect score: 705

Sequence: 1 ATGAGGTCCTCCCTCAGCT.....CCCTACAGATGTTTCATCA 705

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 2995936 seqs, 2280998010 residues

Total number of hits satisfying chosen parameters: 5991872

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:
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19: /cgn2_6/ptodata/1/pubna/US60_PUBCOMB.seq:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	705	100.0	705	9	US-09-948-429B-1
2	705	100.0	705	13	US-09-758-173-1
3	705	100.0	705	14	US-10-124-905-1
4	705	100.0	705	15	US-10-073-138-1
5	705	100.0	705	15	US-10-124-807-1
6	705	100.0	705	15	US-10-291-532-1
7	585.2	83.0	702	15	US-10-211-357-5
8	558.6	79.2	699	15	US-10-225-108A-11
9	558.6	79.2	699	16	US-10-461-148-5
10	555	78.7	1402	15	US-10-198-846-12610
11	552.6	78.6	642	10	US-09-972-656-95
12	540.2	76.6	711	9	US-09-948-429B-9
13	540.2	76.6	711	13	US-09-758-173-9
14	540.2	76.6	711	14	US-10-124-905-9

15	540.2	76.6	711	14	US-10-073-138-5
16	540.2	76.6	711	15	US-10-124-807-9
17	540.2	76.6	711	15	US-10-291-532-9
18	539.6	76.5	1590	15	US-10-198-846-12799
19	530	75.2	868	9	US-09-822-849A-157
20	527.6	74.8	1027	16	US-10-264-049-318
21	520.8	73.9	904	17	US-10-312-354-82
22	520.8	73.9	1123	15	US-10-198-846-13547
23	520.4	73.8	869	16	US-10-291-265-519
24	516	73.2	859	15	US-10-198-846-13995
25	515	73.0	1825	16	US-10-291-285-579
26	514.4	73.0	859	16	US-10-291-285-47
27	512.8	72.7	960	9	US-09-925-301-582
28	511	72.5	654	10	US-09-791-153A-50
29	510.6	72.4	2667	15	US-10-158-646-76
30	509.2	72.2	930	16	US-10-291-265-107
31	505.6	71.7	895	15	US-10-198-846-12838
32	501.6	71.1	830	9	US-09-981-353-42
33	495.2	70.2	863	17	US-10-312-354-61
34	494	70.1	849	15	US-10-198-846-12585
35	492.6	69.9	636	10	US-09-972-656-97
36	490	69.5	886	13	US-10-363-616-244
37	488.6	69.3	846	9	US-09-981-353-55
38	487	69.1	1480	9	US-09-981-353-146
39	473.8	67.2	857	9	US-09-822-849A-158
40	472	67.0	768	9	US-09-747-669-4
41	472	67.0	768	15	US-10-290-703-4
42	472	67.0	768	15	US-10-290-703-5
43	472	67.0	768	15	US-10-198-846-12799
44	472	67.0	1590	15	US-10-198-846-12799
45	469.4	66.6	1640	15	US-10-198-846-13206

ALIGNMENTS

RESULT 1

US-09-948-429B-1
; Sequence 1, Application US/09948429B
; Patent No. US20020177689A1
; GENERAL INFORMATION:

APPLICANT: Anderson, Darrell R.
TITLE OF INVENTION: "MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF, AND USE THEREOF AS PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS"

TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS

TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESS: BURNS, DOANE, SWECKER & MATHIS

STREET: 699 Prince Street

CITY: Alexandria

STATE: VA

COUNTRY: USA

ZIP: 22314

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/948.429B

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/383,916

FILING DATE:

APPLICATION NUMBER: US 08/487,550

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Teskin, Robin L.

REGISTRATION NUMBER: 35,030

REFERENCE/DOCKET NUMBER: 012712-131

TELECOMMUNICATION INFORMATION:

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 7, 2004, 00:41:24 ; Search time 55.7646 Seconds
(without alignments)
7015.931 Million cell updates/sec

Title: US-09-758-173-1

Perfect score: 705

Sequence: 1 ATGAGGTCCTCCGCTCAGCT.....CCCTACAGATGTTTCATGA 705

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA:*

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- 2: /cgn2_6/prodata/2/ina/5B_COMB.seq.*
- 3: /cgn2_6/prodata/2/ina/6A_COMB.seq.*
- 4: /cgn2_6/prodata/2/ina/6B_COMB.seq.*
- 5: /cgn2_6/prodata/2/ina/PCUTUS_COMB.seq.*
- 6: /cgn2_6/prodata/2/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	705	100.0	705	3	US-08-487-550-1
2	705	100.0	705	4	US-09-526-098-1
3	585.2	83.0	702	3	US-08-523-894-5
4	540.2	76.6	711	3	US-08-487-550-9
5	540.2	76.6	711	4	US-09-526-098-9
6	473	67.1	935	3	US-09-049-672A-20
7	457	64.8	902	2	US-08-378-939-11
8	456	64.7	895	3	US-09-049-672A-25
9	455.4	64.6	891	3	US-09-049-672A-23
10	440	62.4	705	4	US-09-372-425A-3
11	435.6	61.8	885	4	US-09-152-060-47
12	434	61.6	879	4	US-09-152-060-29
13	432.2	61.3	928	4	US-09-049-672A-46
14	425.4	60.3	919	3	US-09-049-672A-24
15	407.4	57.8	716	4	US-08-793-450-5
16	392.4	55.7	491	4	US-09-702-705-833
17	392.4	55.7	491	4	US-09-736-457-833
18	392.4	55.7	491	4	US-09-614-124B-833
19	392.4	55.7	491	4	US-09-671-325-833
20	388.2	55.1	805	4	US-09-820-312D-62
21	387.4	55.0	608	4	US-09-702-705-908
22	387.4	55.0	608	4	US-09-736-457-908
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24	387.4	55.0	608	4	US-09-671-325-908
25	375	53.2	543	4	US-09-702-705-970
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27	375	53.2	543	4	US-09-614-124B-970

C 28	375	53.2	543	4	US-09-671-325-970	Sequence 970, App
C 29	340.2	48.3	420	4	US-09-702-705-433	Sequence 433, App
C 30	340.2	48.3	420	4	US-09-736-457-433	Sequence 433, App
C 31	340.2	48.3	420	4	US-09-614-124B-433	Sequence 433, App
C 32	340.2	48.3	420	4	US-09-671-325-433	Sequence 433, App
C 33	340.2	48.3	420	4	US-09-589-184-433	Sequence 433, App
C 34	317	45.0	373	4	US-09-702-705-1625	Sequence 1625, App
C 35	317	45.0	373	4	US-09-736-457-1625	Sequence 1625, App
C 36	317	45.0	373	4	US-09-614-124B-1625	Sequence 1625, App
C 37	317	45.0	373	4	US-09-671-325-1625	Sequence 1625, App
C 38	311.4	44.2	705	4	US-09-592-998C-7	Sequence 7, Appl
C 39	306.6	43.5	584	4	US-09-404-879A-268	Sequence 268, App
C 40	306.6	43.5	584	4	US-09-338-933-268	Sequence 268, App
C 41	306.6	43.5	584	4	US-09-215-681-268	Sequence 268, App
C 42	306.6	43.5	584	4	US-09-216-003A-268	Sequence 268, App
C 43	291.8	41.4	361	4	US-09-702-705-1589	Sequence 1589, App
C 44	291.8	41.4	361	4	US-09-736-457-1589	Sequence 1589, App
C 45	291.8	41.4	361	4	US-09-614-124B-1589	Sequence 1589, App

ALIGNMENTS

RESULT 1
US-08-487-550-1
Sequence 1, Application US/08487550
Patent No. 6113898
GENERAL INFORMATION:
APPLICANT: Anderson, Darrell R.
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF."
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: 699 Prince Street
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/487,550
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Reskin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-131
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6620
TELEFAX: 703-836-2021
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 705 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: CDS
LOCATION: 1..705
FEATURE:
NAME/KEY: mat peptide
LOCATION: 1..705
US-08-487-550-1

Query Match 100.0%; Score 705; DB 3; Length 705;

Best Local Similarity 100.0%; Pred. No. 8.3e-188;
Matches 705; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 61 GCCTATGAACGACTCAGCCACCTCGGTGTCAGTGTCCAGGACAGAGCCAGATC 120
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RESULT 2

US-09-526-098-1
; Sequence 1, Application US/09526098
; Patent No. 6492134
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONOCLONAL ANTIBODIES SPECIFIC
; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/526,098
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/383,916
FILING DATE:
APPLICATION NUMBER: US 08/487,550
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Teskin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-131
TELEPHONE: 703-836-6620
TELEFAX: 703-836-2021
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 705 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: CDS
LOCATION: 1..705
FEATURE:
NAME/KEY: mat.peptide
LOCATION: 1..705
US-09-526-098-1

Query Match 100.0%; Score 705; DB 4; Length 705;

Best Local Similarity 100.0%; Pred. No. 8.3e-188;

Matches 705; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATGAGGTCCTCCAGCTCCTGGGCTCTCTGCTCTGGCTCCAGGTGACGATGT 60
Db 1 ATGAGGTCCTCCAGCTCCTGGGCTCTCTGCTCTGGCTCCAGGTGACGATGT 60

Qy 61 GCCTATGAACGACTCAGCCACCTCGGTGTCAGTGTCCAGGACAGAGCCAGATC 120
Db 61 GCCTATGAACGACTCAGCCACCTCGGTGTCAGTGTCCAGGACAGAGCCAGATC 120

Qy 121 ACCTGTGGGAGACAAAGTAGAATAATATGTCCTGTTACAGGAGAGCCAGCG 180
Db 121 ACCTGTGGGAGACAAAGTAGAATAATATGTCCTGTTACAGGAGAGCCAGCG 180

Qy 181 CGGCCCCCTATCTAGTCTATGATGATAGTACCGGCTCCAGGATCCCTGAGCGA 240
Db 181 CGGCCCCCTATCTAGTCTATGATGATAGTACCGGCTCCAGGATCCCTGAGCGA 240

Qy 241 TTCTCTGCTCCAAATCAGGGAACACCGCCACCTGACCATCAACGGGGTCGAGCCGGG 300
Db 241 TTCTCTGCTCCAAATCAGGGAACACCGCCACCTGACCATCAACGGGGTCGAGCCGGG 300

Qy 301 GATGAGGCTGACTATTAATCTCAGGTGTGGGACAGGGCTAGTATCATCGGTTTCGGA 360
Db 301 GATGAGGCTGACTATTAATCTCAGGTGTGGGACAGGGCTAGTATCATCGGTTTCGGA 360

Qy 361 GGAGGAGCCCGGCTGACCGTCTAGTGTGAGCCAGGCTGCGGCTCGGTCCTCTCTTC 420
Db 361 GGAGGAGCCCGGCTGACCGTCTAGTGTGAGCCAGGCTGCGGCTCGGTCCTCTCTTC 420

Qy 421 CCGGCTCTCTGAGAGCTTCAAGCCCAAGCCACAGGCTGAGGCTGAGTGTCTCATAGTAC 480
Db 421 CCGGCTCTCTGAGAGCTTCAAGCCCAAGCCACAGGCTGAGGCTGAGTGTCTCATAGTAC 480

Qy 481 TTCTACCGGAGCGGTGACAGTGTGAGGAGGAGTACAGCCCGCTCAGGCGGGA 540
Db 481 TTCTACCGGAGCGGTGACAGTGTGAGGAGGAGTACAGCCCGCTCAGGCGGGA 540


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; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 234 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-948-429B-2

Query Match      100.0%; Score 1243; DB 9; Length 234;
Best Local Similarity 100.0%; Pred. No. 1.1e-91;
Matches 234; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRVPAQLGLLLMLPGARCAYELTOPPSVSVPQTARITCGDNRNRYVHWYQKPA 60
DB 1 MRVPAQLGLLLMLPGARCAYELTOPPSVSVPQTARITCGDNRNRYVHWYQKPA 60
QY 61 RAPILVIYDDSDRPSGIPERFSGSKGNATLTINGVEAGDEADYYCQVWDRASDHPVFG 120
DB 61 RAPILVIYDDSDRPSGIPERFSGSKGNATLTINGVEAGDEADYYCQVWDRASDHPVFG 120
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RESULT 2
US-09-758-173-2
; Sequence 2, Application US/09758173
; Publication No. US20010024648A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF."
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/758,173
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/383,916
; FILING DATE:
; FILING DATE:
; APPLICATION NUMBER: US 08/487,550
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 234 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-948-429B-2
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; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-758-173-2

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Best Local Similarity 100.0%; Pred. No. 1.1e-91;
Matches 234; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 61 RAPILVIYDDSDRPSGIPERFSGSKGNATLTINGVEAGDEADYYCQVWDRASDHPVFG 120
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DB 121 GSTRVTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYPGAVTVANKADSSPVKAG 180
QY 181 VETTPSKQSNKNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTCS 234
DB 181 VETTPSKQSNKNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTCS 234

RESULT 3
US-10-124-905-2
; Sequence 2, Application US/10124905
; Publication No. US20020166136A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF."
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/124,905
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/383,916
; FILING DATE:
; FILING DATE:
; APPLICATION NUMBER: US 08/487,550
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 234 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-10-124-905-2

Query Match      100.0%; Score 1243; DB 13; Length 234;
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: June 6, 2004, 12:00:32 ; Search time 9.62693 Seconds
(without alignments)
1254.863 Million cell updates/sec

Title: US-09-758-173-2

Perfect score: 1243

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Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

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- 2: /cgm2_6/ptodata/2/iaa/5B_COMB.pep.*
- 3: /cgm2_6/ptodata/2/iaa/6A_COMB.pep.*
- 4: /cgm2_6/ptodata/2/iaa/6B_COMB.pep.*
- 5: /cgm2_6/ptodata/2/iaa/PTCUS_COMB.pep.*
- 6: /cgm2_6/ptodata/2/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	DB ID	Description
1	1243	100.0	234	3	US-08-487-550-2
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3	1015.5	81.7	233	3	US-08-523-894-6
4	973	78.3	236	3	US-08-487-550-10
5	973	78.3	236	4	US-08-526-098-10
6	886	71.3	234	4	US-08-372-425A-4
7	880.5	70.8	236	3	US-08-049-672A-7
8	867.5	69.8	235	3	US-08-049-672A-10
9	861	69.3	235	2	US-08-378-939-12
10	855.5	68.8	238	4	US-08-793-450-6
11	855	68.8	235	3	US-08-049-672A-12
12	844	67.9	240	3	US-08-049-672A-11
13	812	65.3	235	4	US-08-152-060-70
14	809	65.1	235	4	US-08-152-060-88
15	658.5	53.0	229	3	US-08-751-359-22
16	658.5	53.0	229	4	US-08-907-146-22
17	567	45.6	109	2	US-08-761-277A-51
18	560.5	45.1	200	6	5189147-10
19	548	44.1	105	1	US-08-422-101-9
20	548	44.1	105	1	US-08-422-091-9
21	548	44.1	105	2	US-08-422-092-9
22	548	44.1	105	2	US-08-788-800-6
23	548	44.1	105	3	US-08-422-093-9
24	548	44.1	105	3	US-08-422-112-9
25	543	43.7	106	4	US-08-313-942-14
26	535	43.0	104	4	US-08-025-769B-170
27	504	40.5	235	4	US-08-800-729-152

28	503	40.5	241	2	US-07-916-098A-56	Sequence 56, Appl
29	502.5	40.4	234	4	US-09-800-729-150	Sequence 150, App
30	502.5	40.4	235	3	US-08-812-586-16	Sequence 16, Appl
31	502.5	40.4	235	4	US-09-535-832A-17	Sequence 17, Appl
32	500.5	40.3	143	2	US-08-345-321-8	Sequence 8, Appl
33	500.5	40.3	236	1	US-08-157-101A-5	Sequence 5, Appl
34	496	39.9	234	4	US-09-740-002-26	Sequence 26, Appl
35	494.5	39.8	234	4	US-09-740-002-24	Sequence 24, Appl
36	492	39.6	242	4	US-09-479-614-20	Sequence 20, Appl
37	487	39.2	235	1	US-08-276-852-153	Sequence 153, App
38	487	39.2	235	1	US-08-899-575-153	Sequence 153, App
39	487	39.2	235	1	US-08-899-575-153	Sequence 153, App
40	487	39.2	235	5	PCT-US95-08743-153	Sequence 153, App
41	483.5	38.9	234	5	PCT-US94-07659-4	Sequence 4, Appl
42	483	38.9	233	4	US-09-472-087-15	Sequence 15, Appl
43	483	38.9	233	4	US-09-472-087-67	Sequence 67, Appl
44	479.5	38.6	234	4	US-09-472-087-17	Sequence 17, Appl
45	479.5	38.6	234	4	US-09-472-087-69	Sequence 69, Appl

ALIGNMENTS

RESULT 1
US-08-487-550-2
; Sequence 2, Application US/08487550
; Patent No. 6113898
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF."
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; TITLE OF INVENTION: IMMUNOSUPPRESSANTS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,550
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 234 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-487-550-2

Query Match 100.0%; Score 1243; DB 3; Length 234;
Best Local Similarity 100.0%; Pred. No. 1.6e-102;
Matches 234; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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DB 1 MRVPAQLGLLLMLPGARCGAYELTPPSVSYPGQTARITCGDNRNRYVHWYQKPA 60

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QY 61 RAPILVIYDDSDRPSGIPERFSGSKSGNTATLTINGVEAGDEADYVCQWDRASDPVFG 120
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QY 121 GSTRVTLGQPKAAPSVTLFPPSSSEELQANKATLVCLISDFYPGAVTVAWKADSSPVKAG 180
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QY 181 VETTPSKQSNKYYAASSYLSLTPEQWKSHRSYSCQVTHGSGTVEKTVAPTECS 234
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RESULT 2

US-09-526-098-2
; Sequence 2, Application US/09526098
; Patent No. 6492134
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
; TITLE OF INVENTION: TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; TITLE OF INVENTION: IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/526,098
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/383,916
; FILING DATE:
; APPLICATION NUMBER: US 08/487,550
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 234 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-526-098-2

Query Match 100.0%; Score 1243; DB 4; Length 234;
Best Local Similarity 100.0%; Pred. No. 1.6e-102;
Matches 234; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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RESULT 3

US-08-523-894-6
; Sequence 6, Application US/08523894
; Patent No. 6136310
; GENERAL INFORMATION:
; APPLICANT: Hanna, Nabil
; APPLICANT: Newman, Roland A.
; APPLICANT: Reff, Mitchell E.
; TITLE OF INVENTION: Recombinant Anti-CD4 Antibodies for Human
; TITLE OF INVENTION: Therapy
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314-3187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/523,894
; FILING DATE: 06-SEP-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-165
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 233 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-523-894-6

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Best Local Similarity 86.0%; Pred. No. 2.2e-82;
Matches 196; Conservative 10; Mismatches 21; Indels 1; Gaps 1;
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QY 66 IYADSRPSGIPARFSGNSGNTATLTISGVEAGDEADYVCQWDRASDPVFGGTRIT 125
QY 127 VLQPKAAPSVTLFPPSSSEELQANKATLVCLISDFYPGAVTVAWKADSSPVKAGVETTP 186
Db |||||
QY 126 VLQPKAAPSVTLFPPSSSEELQANKATLVCLISDFYPGAVTVAWKADSSPVKAGVETTP 185
Db |||||
QY 187 SKOSNNKYAASSYLSLTPEQWKSHRSYSCQVTHGSGTVEKTVAPTECS 234
Db |||||
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Db |||||

RESULT 4

US-08-487-550-10

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

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5650.904 Million cell updates/sec

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Total number of hits satisfying chosen parameters: 5991872

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Post-processing: Minimum Match 0%

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Database : Published Applications NA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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4	1431	100.0	1431	15	US-10-124-807-3
5	1431	100.0	1431	15	US-10-291-532-3
6	1429.4	99.9	1431	14	US-10-073-138-2
7	1315.8	91.9	1431	9	US-09-948-429B-11
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11	1315.8	91.9	1431	15	US-10-291-532-11
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22	1125.8	78.7	1633	16	US-10-108-260A-2197
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24	1123.6	78.5	1428	16	US-10-384-356-17
25	1123.6	78.5	1428	17	US-10-325-698-17
26	1122.8	78.5	1425	16	US-10-461-148-11
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28	1122.8	78.5	1430	15	US-10-225-108A-1
29	1117.2	78.1	1437	9	US-09-948-429B-7
30	1117.2	78.1	1437	13	US-09-758-173-7
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35	1113.4	77.8	1798	9	US-09-925-299-230
36	1113.4	77.8	1798	10	US-09-925-299-230
37	1113.2	77.8	1644	16	US-10-291-265-159
38	1113.2	77.8	1673	13	US-10-342-837-1932
39	1113.2	77.8	1673	13	US-10-172-118-1932
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43	1109.2	77.5	1631	16	US-10-108-260A-1630
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ALIGNMENTS

RESULT 1

US-09-948-429B-3
; Sequence 3, Application US/09948429B
; Patent No. US20020177689A1
; GENERAL INFORMATION:

APPLICANT: Anderson, Darrell R.

TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC

TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF.

TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

TITLE OF INVENTION: IMMUNOSUPPRESSANTS"

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: BURNS, DOANE, SWICKER & MATHIS

STREET: 699 Prince Street

CITY: Alexandria

STATE: VA

COUNTRY: USA

ZIP: 22314

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/948.429B

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/383,916

FILING DATE:

APPLICATION NUMBER: US 08/487,550

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Teskin, Robin L.

REGISTRATION NUMBER: 35,030

REFERENCE/DOCKET NUMBER: 012712-131

TELECOMMUNICATION INFORMATION:

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OK nucleic - nucleic search, using sw model

Run on: June 7, 2004, 00:41:24 ; Search time 113.19 Seconds
(without alignments)
7015.931 Million cell updates/sec

Title: US-09-758-173-3
Perfect score: 1431
Sequence: 1 ATGAACACTGTGTTCTT.....CCTGTCTCGGTAAATGA 1431

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents NA:*

- 1: /cgn2_6/ptodata/2/ina/5A COMB.seq:*
- 2: /cgn2_6/ptodata/2/ina/5B COMB.seq:*
- 3: /cgn2_6/ptodata/2/ina/6A COMB.seq:*
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- 5: /cgn2_6/ptodata/2/ina/PCTUS COMB.seq:*
- 6: /cgn2_6/ptodata/2/ina/BACKFILES1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1431	100.0	1431	3	US-08-487-550-3
2	1431	100.0	1431	4	US-09-526-098-3
3	1315.8	91.9	1431	3	US-08-487-550-11
4	1315.8	91.9	1431	4	US-09-526-098-11
5	1234.8	86.3	1567	3	US-09-049-672A-17
6	1210.4	84.6	1418	4	US-08-793-450-7
7	1171.4	81.9	1404	3	US-08-523-894-7
8	1168.2	81.6	1404	3	US-08-523-894-11
9	1166.6	81.5	1404	3	US-08-523-894-9
10	1123.6	78.5	1428	1	US-08-488-376-17
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12	1123.6	78.5	1428	2	US-08-634-224-17
13	1123.6	78.5	1428	2	US-08-634-400-17
14	1123.6	78.5	1428	2	US-08-635-878-17
15	1123.6	78.5	1428	2	US-08-770-057-17
16	1123.6	78.5	1428	3	US-09-335-697B-17
17	1123.6	78.5	1428	4	US-09-335-697B-17
18	1123.6	78.5	1428	4	US-09-740-002-17
19	1117.2	78.1	1437	3	US-08-487-550-7
20	1117.2	78.1	1437	4	US-09-526-098-7
21	1112.4	77.7	1428	1	US-08-488-376-19
22	1112.4	77.7	1428	2	US-08-634-223-19
23	1112.4	77.7	1428	2	US-08-634-224-19
24	1112.4	77.7	1428	2	US-08-634-400-19
25	1112.4	77.7	1428	2	US-08-635-878-19
26	1112.4	77.7	1428	2	US-08-770-057-19
27	1112.4	77.7	1428	3	US-09-335-697B-19

28 1112.4 77.7 1428 4 US-09-335-697B-19 Sequence 19, Appl
29 1112.4 77.7 1428 4 US-09-740-002-19 Sequence 19, Appl
30 1111.6 77.7 19040 4 US-09-343-488A-3 Sequence 3, Appl
31 1103.6 77.1 1617 2 US-08-378-939-9 Sequence 9, Appl
32 1102 77.0 1599 4 US-09-023-655-1120 Sequence 1120, Ap
33 1092.6 76.4 6557 1 US-08-286-740-3 Sequence 3, Appl
34 1092.6 76.4 6557 5 PCT-US95-09576-3 Sequence 3, Appl
35 1090.6 76.2 8120 3 US-09-027-449-68 Sequence 68, Appl
36 1090.6 76.2 8120 3 US-09-026-985-68 Sequence 68, Appl
37 1090.6 76.2 8120 4 US-09-121-952A-68 Sequence 68, Appl
38 1090.6 76.2 8120 4 US-09-234-340A-68 Sequence 68, Appl
39 1090.2 76.2 1576 1 US-08-157-101A-6 Sequence 6, Appl
40 1087 76.0 9209 1 US-08-149-099C-3 Sequence 3, Appl
41 1087 76.0 9209 2 US-08-476-275-2 Sequence 2, Appl
42 1087 76.0 9209 1 US-08-478-967A-3 Sequence 3, Appl
43 1087 76.0 9209 4 US-08-475-815B-3 Sequence 3, Appl
44 1087 76.0 9209 4 US-08-475-813-2 Sequence 2, Appl
45 1087 76.0 18986 2 US-08-819-866-2 Sequence 2, Appl

ALIGNMENTS

RESULT 1

US-08-487-550-3

; Sequence 3, Application US/08487550

; Patent No. 6113898

; GENERAL INFORMATION:

; APPLICANT: Anderson, Darrell R.

; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC

; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF.

; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

; IMMUNOSUPPRESSANTS"

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS

; STREET: 699 Prince Street

; CITY: Alexandria

; STATE: VA

; COUNTRY: USA

; ZIP: 22314

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/487,550

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Teskin, Robin L.

; REGISTRATION NUMBER: 35,030

; REFERENCE/DOCKET NUMBER: 012712-131

; TELEPHONE: 703-836-6620

; TELEFAX: 703-836-2021

; INFORMATION FOR SEQ ID NO: 3:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 1431 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: not relevant

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; FEATURE:

; NAME/KEY: CDS

; LOCATION: 1..1431

; FEATURE:

; NAME/KEY: mat.peptide

; LOCATION: 1..1431

; US-08-487-550-3

Query Match 100.0%; Score 1431; DB 3; Length 1431;

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: June 6, 2004, 12:00:32 ; Search time 46.5096 Seconds
(without alignments)
2879.347 Million cell updates/sec

Title: US-09-758-173-4
Perfect score: 2577
Sequence: 1 MKELWFFLLVAAPRWLSQ.....MHEALHHYTKSLSPGK 476

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1155919 seqs, 281338677 residues

Total number of hits satisfying chosen parameters: 1155919

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA:*

1:	/cgn2_6/ptodata/2/pubpa/US07_PUBCOMB.pep.*
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4:	/cgn2_6/ptodata/2/pubpa/US06_PUBCOMB.pep.*
5:	/cgn2_6/ptodata/2/pubpa/US07_NEW_PUB.pep.*
6:	/cgn2_6/ptodata/2/pubpa/FC7US_PUBCOMB.pep.*
7:	/cgn2_6/ptodata/2/pubpa/US08_NEW_PUB.pep.*
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15:	/cgn2_6/ptodata/2/pubpa/US10C_PUBCOMB.pep.*
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17:	/cgn2_6/ptodata/2/pubpa/US60_NEW_PUB.pep.*
18:	/cgn2_6/ptodata/2/pubpa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	2577	100.0	476	9	US-09-948-429B-4
2	2577	100.0	476	12	US-09-758-173-4
3	2577	100.0	476	13	US-10-124-905-4
4	2577	100.0	476	14	US-10-124-807-4
5	2577	100.0	476	14	US-10-291-532-4
6	2309	89.6	476	9	US-09-948-429B-12
7	2309	89.6	476	12	US-09-758-173-12
8	2309	89.6	476	13	US-10-124-905-12
9	2309	89.6	476	14	US-10-124-807-12
10	2309	89.6	476	14	US-10-291-532-12
11	2197.5	85.3	467	15	US-10-108-260A-4293
12	2134	82.8	466	12	US-10-292-088-70
13	2129	82.6	466	12	US-10-292-088-86
14	2115	82.1	466	12	US-10-292-088-30
15	2112.5	82.0	467	14	US-10-211-357-12

16	2111.5	81.9	467	14	US-10-211-357-8
17	2110	81.9	454	12	US-10-292-088-22
18	2106.5	81.7	446	12	US-10-435-299-7
19	2106.5	81.7	972	15	US-10-418-836-38
20	2106.5	81.7	975	15	US-10-418-836-39
21	2105.5	81.7	469	12	US-10-404-724-72
22	2104.5	81.7	467	14	US-10-211-357-10
23	2103	81.6	451	10	US-09-925-179-66
24	2100	81.5	451	9	US-09-920-171-14
25	2100	81.5	451	9	US-09-920-171-16
26	2100	81.5	451	10	US-09-925-179-65
27	2100	81.5	451	14	US-10-113-996-14
28	2100	81.5	451	14	US-10-113-996-16
29	2099	81.5	451	10	US-09-925-179-68
30	2092	81.2	451	9	US-09-920-171-18
31	2092	81.2	451	10	US-09-792-938-2
32	2092	81.2	451	14	US-10-113-996-18
33	2092	81.2	451	14	US-10-292-869-2
34	2075.5	80.5	475	9	US-09-740-003-25
35	2075.5	80.5	475	16	US-10-325-698-25
36	2073	80.4	478	9	US-09-948-429B-25
37	2073	80.4	478	12	US-09-758-173-8
38	2073	80.4	478	13	US-10-124-905-8
39	2073	80.4	478	14	US-10-124-807-8
40	2073	80.4	478	14	US-10-291-532-8
41	2069	80.3	453	9	US-09-802-077-8
42	2069	80.3	453	9	US-09-802-096-8
43	2069	80.3	453	10	US-09-925-179-8
44	2069	80.3	474	15	US-10-108-260A-4640
45	2063.5	80.1	469	16	US-10-656-789-26

ALIGNMENTS

RESULT 1

US-09-948-429B-4
; Sequence 4, Application US/09948429B
; Patent No. US20020177689A1

GENERAL INFORMATION:

APPLICANT: Anderson, Dattell R.
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF."
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
TITLE OF INVENTION: IMMUNOSUPPRESSANTS"

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS

STREET: 699 Prince Street

CITY: Alexandria

STATE: VA

COUNTRY: USA

ZIP: 22314

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/948,429B

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/383,916

FILING DATE:

APPLICATION NUMBER: US 08/487,550

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Teskin, Robin L.

REGISTRATION NUMBER: 35,030

REFERENCE/DOCKET NUMBER: 012712-131

TELECOMMUNICATION INFORMATION:

TELEPHONE: 703-836-6620

TELEFAX: 703-836-2021
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 476 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-948-429B-4

Query Match 100.0%; Score 2577; DB 9; Length 476;
Best Local Similarity 100.0%; Pred. No. 8.5e-176;
Matches 476; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKHLWFFLLVAAPRWLSQVKLQWGEGLLPSETLSRTCVVSGSISGYIYTWIRQT 60
DB 1 MKHLWFFLLVAAPRWLSQVKLQWGEGLLPSETLSRTCVVSGSISGYIYTWIRQT 60

QY 61 PGRGLEWIGHYNGGATTNNPNSLKSRVTISKDTSKNQFFLNLSVTDADTAVYICARGP 120
DB 61 PGRGLEWIGHYNGGATTNNPNSLKSRVTISKDTSKNQFFLNLSVTDADTAVYICARGP 120

QY 121 RPDCTTCYGGWVDVWPGDLVTVSSASTKGPSVPLAPSSKSTSGGTAALGCLVKDYPP 180
DB 121 RPDCTTCYGGWVDVWPGDLVTVSSASTKGPSVPLAPSSKSTSGGTAALGCLVKDYPP 180

QY 181 EPTVSWNSGALTSGVHTTFAVLQSSGLYSLSVTVTPSSISGTYIYICNVNKPSTKV 240
DB 181 EPTVSWNSGALTSGVHTTFAVLQSSGLYSLSVTVTPSSISGTYIYICNVNKPSTKV 240

QY 241 DKKAEPKSCDKTHTCPCCPAPELLAGGPSVFLPPPKPKDTLMISRTPEVTCVVDVSHEDP 300
DB 241 DKKAEPKSCDKTHTCPCCPAPELLAGGPSVFLPPPKPKDTLMISRTPEVTCVVDVSHEDP 300

QY 301 EVKFNWYVDGVEVHNKTKPREQYNSTYRVSVLTVLHODWLNKGEYKCKVSNKALPAP 360
DB 301 EVKFNWYVDGVEVHNKTKPREQYNSTYRVSVLTVLHODWLNKGEYKCKVSNKALPAP 360

QY 361 IEKTIKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNY 420
DB 361 IEKTIKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNY 420

QY 421 KTTTPVLDSDGFFLYSKLTVDKSRWQQGNVPCSWMEALHNHYTKSLSPGK 476
DB 421 KTTTPVLDSDGFFLYSKLTVDKSRWQQGNVPCSWMEALHNHYTKSLSPGK 476

RESULT 2

US-09-758-173-4
Sequence 4, Application US/09758173
Publication No. US20010024648A1
GENERAL INFORMATION:
APPLICANT: Anderson, Darrell R.
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
TITLE OF INVENTION: IMMUNOSUPPRESSANTS"
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: 699 Prince Street
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/758.173
FILING DATE:
CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/383,916
FILING DATE:
APPLICATION NUMBER: US 08/487,550
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Teskin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-131
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6620
TELEFAX: 703-836-2021
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 476 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-758-173-4

Query Match 100.0%; Score 2577; DB 12; Length 476;
Best Local Similarity 100.0%; Pred. No. 8.5e-176;
Matches 476; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKHLWFFLLVAAPRWLSQVKLQWGEGLLPSETLSRTCVVSGSISGYIYTWIRQT 60
DB 1 MKHLWFFLLVAAPRWLSQVKLQWGEGLLPSETLSRTCVVSGSISGYIYTWIRQT 60

QY 61 PGRGLEWIGHYNGGATTNNPNSLKSRVTISKDTSKNQFFLNLSVTDADTAVYICARGP 120
DB 61 PGRGLEWIGHYNGGATTNNPNSLKSRVTISKDTSKNQFFLNLSVTDADTAVYICARGP 120

QY 121 RPDCTTCYGGWVDVWPGDLVTVSSASTKGPSVPLAPSSKSTSGGTAALGCLVKDYPP 180
DB 121 RPDCTTCYGGWVDVWPGDLVTVSSASTKGPSVPLAPSSKSTSGGTAALGCLVKDYPP 180

QY 181 EPTVSWNSGALTSGVHTTFAVLQSSGLYSLSVTVTPSSISGTYIYICNVNKPSTKV 240
DB 181 EPTVSWNSGALTSGVHTTFAVLQSSGLYSLSVTVTPSSISGTYIYICNVNKPSTKV 240

QY 241 DKKAEPKSCDKTHTCPCCPAPELLAGGPSVFLPPPKPKDTLMISRTPEVTCVVDVSHEDP 300
DB 241 DKKAEPKSCDKTHTCPCCPAPELLAGGPSVFLPPPKPKDTLMISRTPEVTCVVDVSHEDP 300

QY 301 EVKFNWYVDGVEVHNKTKPREQYNSTYRVSVLTVLHODWLNKGEYKCKVSNKALPAP 360
DB 301 EVKFNWYVDGVEVHNKTKPREQYNSTYRVSVLTVLHODWLNKGEYKCKVSNKALPAP 360

QY 361 IEKTIKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNY 420
DB 361 IEKTIKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNY 420

QY 421 KTTTPVLDSDGFFLYSKLTVDKSRWQQGNVPCSWMEALHNHYTKSLSPGK 476
DB 421 KTTTPVLDSDGFFLYSKLTVDKSRWQQGNVPCSWMEALHNHYTKSLSPGK 476

RESULT 3

US-10-124-905-4
Sequence 4, Application US/10124905
Publication No. US20020166136A1
GENERAL INFORMATION:
APPLICANT: Anderson, Darrell R.
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
TITLE OF INVENTION: IMMUNOSUPPRESSANTS"
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: 699 Prince Street
CITY: Alexandria
STATE: VA

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: June 6, 2004, 12:00:32 ; Search time 19.583 seconds
(without alignments)
1254.863 Million cell updates/sec

Title: US-09-758-173-4

Perfect score: 2577

Sequence: 1 MKHLWFFLLVAAPRWLSQ.....MIEALHNHYTKSLSPGK 476

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:*

- 1: /cgn2_6/ptodata/2/iaa/5A_COMB.pep.*
- 2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep.*
- 3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep.*
- 4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep.*
- 5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep.*
- 6: /cgn2_6/ptodata/2/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	DB ID	Description
1	2577	100.0	476	3	US-08-487-550-4
2	2577	100.0	476	4	US-09-526-098-4
3	2309	89.6	476	3	US-08-487-550-12
4	2309	89.6	476	4	US-09-526-098-12
5	2277.5	88.4	473	3	US-09-049-672A-4
6	2206	85.6	472	4	US-08-793-450-8
7	2112.5	82.0	467	3	US-08-523-894-12
8	2111.5	81.9	467	3	US-08-523-894-8
9	2106.5	81.7	446	3	US-08-397-411-7
10	2104.5	81.7	467	3	US-08-523-894-10
11	2100	81.5	451	2	US-08-887-352B-14
12	2100	81.5	451	2	US-08-887-352B-16
13	2100	81.5	451	3	US-08-466-151-65
14	2100	81.5	451	3	US-09-109-207C-14
15	2100	81.5	451	3	US-09-109-207C-16
16	2100	81.5	451	3	US-09-296-005-14
17	2100	81.5	451	3	US-09-296-005-16
18	2100	81.5	451	4	US-09-920-171-14
19	2100	81.5	451	4	US-09-920-171-16
20	2092	81.2	451	2	US-08-887-352B-18
21	2092	81.2	451	3	US-09-109-207C-18
22	2092	81.2	451	3	US-09-282-505-2
23	2092	81.2	451	3	US-09-054-255-2
24	2092	81.2	451	3	US-09-296-005-18
25	2092	81.2	451	4	US-09-282-846-2
26	2092	81.2	451	4	US-09-680-145-2
27	2092	81.2	451	4	US-09-920-171-18

28 2075.5 80.5 475 4 US-09-740-002-25 Sequence 25, Appli
29 2073 80.4 478 3 US-08-487-550-8 Sequence 8, Appli
30 2073 80.4 478 4 US-09-526-098-8 Sequence 8, Appli
31 2069 80.3 453 3 US-08-466-151-8 Sequence 8, Appli
32 2069 80.3 453 4 US-08-466-163B-8 Sequence 8, Appli
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34 2061.5 80.0 452 3 US-09-027-449-71 Sequence 71, Appli
35 2061.5 80.0 452 3 US-09-026-985-71 Sequence 71, Appli
36 2061.5 80.0 452 4 US-09-121-952A-71 Sequence 71, Appli
37 2061.5 80.0 452 4 US-09-234-340A-71 Sequence 71, Appli
38 2047.5 79.5 475 4 US-09-740-002-27 Sequence 27, Appli
39 2039 79.1 476 2 US-08-378-939-10 Sequence 10, Appli
40 2032.5 78.9 449 4 US-09-679-397-2 Sequence 2, Appli
41 2032.5 78.9 449 4 US-09-680-148-2 Sequence 2, Appli
42 2032.5 78.9 449 4 US-09-304-465A-2 Sequence 13, Appli
43 2025 78.6 449 1 US-08-458-516-13 Sequence 7, Appli
44 2019.5 78.4 462 4 US-09-289-942A-7 Sequence 7, Appli
45 2003.5 77.7 459 1 US-08-157-101A-7 Sequence 7, Appli

ALIGNMENTS

RESULT 1
US-08-487-550-4
; Sequence 4, Application US/08487550
; Patent No. 6113898
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF, PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS"
; TITLE OF INVENTION: TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF, PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,550
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 476 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-487-550-4

Query Match 100.0%; Score 2577; DB 3; Length 476;
Best Local Similarity 100.0%; Pred. No. 3.2e-206;
Matches 476; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 2

US-09-526-098-4
; Sequence 4, Application US/09526098
; Patent No. 6492134
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF."
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; IMMUNOSUPPRESSANTS"

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/526.098
; FILING DATE:
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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/383,916
; FILING DATE:
; APPLICATION NUMBER: US'08/487,550
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021

; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 476 amino acids
; TYPE: amino acid
; TOPOLOGY: linear

; MOLECULE TYPE: protein
US-09-526-098-4

Query Match 100.0%; Score 2577; DB 4; Length 476;
Best Local Similarity 100.0%; Pred. No. 3.2e-206;
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RESULT 3

US-08-487-550-12
; Sequence 12, Application US/08487550
; Patent No. 6113898

; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.

; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF."
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; IMMUNOSUPPRESSANTS"

; CORRESPONDENCE ADDRESS:
; ADDRESSSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,550
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620

GenCore version 5.1.6
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Total number of hits satisfying chosen parameters: 5991872

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

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- 19: /cgm2_6/ptodata/1/pubna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	720	100.0	720	14	Sequence 5, Appli
4	720	100.0	720	14	US-10-124-905-5
5	720	100.0	720	15	US-10-073-138-3
6	720	100.0	720	15	US-10-124-807-5
7	720	100.0	720	15	US-10-291-532-5
8	607.6	84.8	720	13	US-10-292-088-15
9	607.4	84.4	720	13	US-10-292-088-7
10	607.2	84.3	720	13	US-10-158-646-63
11	606	84.2	1081	13	US-10-292-088-63
12	604.4	83.9	720	13	US-10-466-164-33
13	604	83.9	720	13	US-10-292-088-101
14	602.8	83.7	720	13	US-10-292-088-55
					Sequence 39, Appli

15	602.8	83.7	720	13	US-10-292-088-79	Sequence 79, Appli
16	599.6	83.3	720	13	US-10-292-088-31	Sequence 31, Appli
17	596.4	82.8	6097	13	US-10-335-894-12	Sequence 12, Appli
18	588.4	81.7	944	16	US-10-108-260A-1585	Sequence 1585, Ap
19	588.4	81.7	968	10	US-09-992-600A-7	Sequence 7, Appli
20	588.4	81.7	968	10	US-09-924-340-7	Sequence 7, Appli
21	588.4	81.7	968	10	US-09-992-095B-7	Sequence 7, Appli
22	588.4	81.7	968	10	US-09-999-570-7	Sequence 7, Appli
23	588.4	81.7	968	15	US-10-000-489-7	Sequence 7, Appli
24	588.4	81.7	968	15	US-10-000-986-7	Sequence 7, Appli
25	588.4	81.7	968	15	US-10-154-678-7	Sequence 7, Appli
26	588.4	81.7	968	15	US-10-001-142-7	Sequence 7, Appli
27	585.2	81.3	738	15	US-10-158-646-61	Sequence 61, Appli
28	557.8	77.5	657	10	US-09-972-656-91	Sequence 91, Appli
29	554.8	77.1	720	13	US-10-404-724-5	Sequence 5, Appli
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31	550	76.4	720	13	US-10-404-724-48	Sequence 48, Appli
32	548.4	76.2	720	13	US-10-404-724-44	Sequence 44, Appli
33	548.4	76.2	720	13	US-10-404-724-46	Sequence 46, Appli
34	546.8	75.9	720	13	US-10-404-724-40	Sequence 40, Appli
35	546.8	75.9	720	13	US-10-404-724-42	Sequence 42, Appli
36	546.6	75.9	657	10	US-09-972-656-103	Sequence 103, App
37	545.2	75.7	720	13	US-10-404-724-38	Sequence 38, Appli
38	543.6	75.5	720	13	US-10-404-724-9	Sequence 9, Appli
39	535.4	74.4	657	10	US-09-972-656-105	Sequence 105, App
40	533.8	74.1	657	10	US-09-972-656-93	Sequence 93, Appli
41	533	74.0	663	9	US-09-822-698A-25	Sequence 25, Appli
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44	504	70.0	1775	15	US-10-158-646-64	Sequence 64, Appli
45	500	69.4	717	15	US-10-171-452A-37	Sequence 37, Appli

ALIGNMENTS

RESULT 1

US-09-948-429B-5

; Sequence 5, Application US/09948429B

; Patent No. US20020177689A1

; GENERAL INFORMATION:

; APPLICANT: Anderson, Darrell R.

; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC

; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,

; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

; IMMUNOSUPPRESSANTS"

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS

; STREET: 699 Prince Street

; CITY: Alexandria

; STATE: VA

; COUNTRY: USA

; ZIP: 22314

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/948,429B

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION NUMBER: 09/383,916

; FILING DATE:

; APPLICATION NUMBER: US 08/487,550

; FILING DATE: 07-JUN-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Teskin, Robin L.

; REGISTRATION NUMBER: 35,030

; REFERENCE/DOCKET NUMBER: 012712-131

; TELECOMMUNICATION INFORMATION:

TELEPHONE: 703-836-6620
TELEFAX: 703-836-2021
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 720 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: CDS
LOCATION: 1..720
NAME/KEY: mat_peptide
LOCATION: 1..720
US-09-948-429B-5

Query Match 100.0%; Score 720; DB 9; Length 720;
Best Local Similarity 100.0%; Pred. No. 1.8e-219;
Matches 720; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 ATGAGCTCCCTGCTCAGCTCTCGGGCTGCTATTGCTCTGGTCCCGGGTCCAGTGGG 60
Db 1 ATGAGCTCCCTGCTCAGCTCTCGGGCTGCTATTGCTCTGGTCCCGGGTCCAGTGGG 60
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RESULT 2

US-09-758-173-5

; Sequence 5, Application US/09758173

Publication No. US20010024648A1
GENERAL INFORMATION:
APPLICANT: Anderson, Dattell R.
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS"
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: 699 Prince Street
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/758,173
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/383,916
FILING DATE:
APPLICATION NUMBER: US 08/487,550
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Teskin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-131
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6620
TELEFAX: 703-836-2021
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 720 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
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LOCATION: 1..720
US-09-758-173-5

Query Match 100.0%; Score 720; DB 13; Length 720;
Best Local Similarity 100.0%; Pred. No. 1.8e-219;
Matches 720; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 ATGAGCTCCCTGCTCAGCTCTCGGGCTGCTATTGCTCTGGTCCCGGGTCCAGTGGG 60
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- 4: /cgn2_6/ptodata/2/ina/6B COMB.seq:*
- 5: /cgn2_6/ptodata/2/ina/PTCUS COMB.seq:*
- 6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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2	720	100.0	720	4	US-08-536-098-5
3	519.2	72.1	729	1	US-08-398-613A-55
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7	519.2	72.1	729	2	US-08-491-334A-55
8	519.2	72.1	729	3	US-08-027-449-41
9	519.2	72.1	729	3	US-08-804-444A-41
10	519.2	72.1	729	3	US-08-026-985-41
11	519.2	72.1	729	4	US-09-121-952A-41
12	519.2	72.1	729	4	US-08-234-340A-41
13	489.4	68.0	5703	1	US-08-467-420A-50
14	489.4	68.0	5703	1	US-08-470-110A-50
15	489.4	68.0	5703	1	US-08-667-769A-50
16	489.4	68.0	5703	2	US-08-940-371-50
17	489.4	68.0	5703	3	US-08-637-647-50
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19	488.8	67.9	708	4	US-09-472-087-40
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21	486.4	67.6	19040	4	US-09-343-485A-3
22	486	67.5	705	4	US-09-472-087-43
23	486	67.5	705	4	US-09-472-087-60
24	480	66.7	702	4	US-09-472-087-41
25	480	66.7	702	4	US-09-472-087-58
26	474.8	65.9	714	4	US-08-472-087-62
27	474.8	65.9	931	3	US-09-049-672A-19

28	474	65.8	672	4	US-09-456-090A-45	Sequence 45, Appl
29	472.4	65.6	672	4	US-09-456-090A-83	Sequence 83, Appl
30	471.6	65.5	1066	1	US-08-157-101A-4	Sequence 4, Appl
31	468.8	65.1	705	1	US-08-488-376-16	Sequence 16, Appl
32	468.8	65.1	705	2	US-08-634-223-16	Sequence 16, Appl
33	468.8	65.1	705	2	US-08-634-224-16	Sequence 16, Appl
34	468.8	65.1	705	2	US-08-634-400-16	Sequence 16, Appl
35	468.8	65.1	705	2	US-08-635-878-16	Sequence 16, Appl
36	468.8	65.1	705	3	US-08-770-057-16	Sequence 16, Appl
37	468.8	65.1	705	3	US-09-335-697B-16	Sequence 16, Appl
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39	468.8	65.1	705	4	US-09-740-002-16	Sequence 16, Appl
40	468	65.0	990	4	US-09-800-729-79	Sequence 79, Appl
41	467.6	64.9	672	4	US-09-456-090A-81	Sequence 81, Appl
42	467.6	64.9	672	4	US-09-456-090A-87	Sequence 87, Appl
43	467.6	64.9	672	4	US-09-456-090A-89	Sequence 89, Appl
44	462	64.2	729	1	US-08-276-852-152	Sequence 152, App
45	462	64.2	729	1	US-08-276-852-168	Sequence 168, App

ALIGNMENTS

RESULT 1
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; Sequence 5, Application US/08487550
; Patent No. 6113898
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN E7.1 AND/OR E7.2 PRIMATIZED FORMS THEREOF,
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; TITLE OF INVENTION: IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,550
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 720 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; FEATURE:
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361	CCCACTTTCCGGGAGGAGCCAAAGTGGAAATCAAAAGTACGTTGGCTGCACCATCTGTC 420
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421	TTCACTCTTCCGCCATCTGATCAGCAGTTTGAATCTTGGAACTGCTCTGTTGTGTCCTG 480
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GenCore version 5.1.6
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OK protein - protein search, using sw model

Run on: June 6, 2004, 12:00:32 ; Search time 23.3525 Seconds
(without alignments)

2879.347 Million cell updates/sec

Title: US-09-758-173-6

Perfect score: 1242

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Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

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Total number of hits satisfying chosen parameters: 1155919

Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

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Database : Published Applications AA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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9	1080	87.0	239	12	US-10-292-088-8
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13	1071	86.2	239	12	US-10-292-088-64
14	1071	86.2	239	12	US-10-292-088-80
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16	1068	86.0	239	10	US-09-992-600A-8
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19	1068	86.0	239	10	US-09-999-570-8
20	1068	86.0	239	14	US-10-000-489-8
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27	1037	83.5	239	12	US-10-404-724-41
28	1035	83.3	239	12	US-10-404-724-39
29	1035	83.3	239	12	US-10-404-724-43
30	1027	82.7	239	12	US-10-404-724-10
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33	1008	81.2	219	10	US-09-972-656-92
34	1003.5	80.8	238	14	US-10-171-452A-38
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44	991	79.8	219	10	US-09-972-656-104
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ALIGNMENTS

RESULT 1

US-09-948-429B-6
; Sequence 6, Application US/99948429B
; Patent No. US20020177689A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, Dattell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; TITLE OF INVENTION: IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/948,429B
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/383,916
; FILING DATE:
; APPLICATION NUMBER: US 08/487,550
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620

Sequence 8, Appli
Sequence 8, Appli
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Sequence 104, Appli
Sequence 38, Appli


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; LENGTH: 239 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-948-429B-6

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Best Local Similarity 100.0%; Pred. No. 2e-71;
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DB 181 SGNQSVTEQDSKDSSTYLSLSTLTLSKADYKHKVYACEVTHQGLSSPVTKSFNRGEC 239

RESULT 2
US-09-758-173-6
; Sequence 6, Application US/09758173
; Publication No. US20010024648A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
; TITLE OF INVENTION: TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; TITLE OF INVENTION: IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09758.173
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/383,916
; FILING DATE:
; APPLICATION NUMBER: US 08/487,550
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-948-429B-6
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TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-758-173-6

Query Match      100.0%; Score 1242; DB 12; Length 239;
Best Local Similarity 100.0%; Pred. No. 2e-71;
Matches 239; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 121 PTFGGGTVKVEIKRTVAAPSVFIPPPSDEQLKSGTASVCLLNNTFYPREAKVQWKVDNALQ 180
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RESULT 3
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; Sequence 6, Application US/10124905
; Publication No. US20020166136A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
; TITLE OF INVENTION: TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; TITLE OF INVENTION: IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/124,905
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/383,916
; FILING DATE:
; APPLICATION NUMBER: US 08/487,550
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
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; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

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Post-processing: Minimum Match 0%

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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2	1242	100.0	239	4	US-09-526-098-6
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4	976	78.6	242	1	US-08-398-613A-56
5	976	78.6	242	1	US-08-398-612A-56
6	976	78.6	242	1	US-08-398-611A-56
7	976	78.6	242	2	US-08-431-334A-56
8	976	78.6	242	3	US-09-027-449-42
9	976	78.6	242	3	US-08-804-444A-42
10	976	78.6	242	3	US-09-026-985-42
11	976	78.6	242	4	US-09-121-952A-42
12	976	78.6	242	4	US-09-234-340A-42
13	975.5	78.5	240	4	US-09-301-593-36
14	969	78.0	235	4	US-09-472-087-14
15	969	78.0	235	4	US-09-472-087-65
16	963	77.5	233	4	US-09-472-087-15
17	963	77.5	233	4	US-09-472-087-67
18	957.5	77.1	234	4	US-09-472-087-17
19	957.5	77.1	234	4	US-09-472-087-69
20	939.5	75.6	234	3	US-09-049-672A-6
21	936	75.4	242	3	US-09-027-449-62
22	936	75.4	242	3	US-09-026-985-62
23	936	75.4	242	4	US-09-121-952A-62
24	936	75.4	242	4	US-09-234-340A-62
25	935	75.3	242	3	US-09-027-449-51
26	935	75.3	242	3	US-08-804-444A-51
27	935	75.3	242	3	US-09-026-985-51

28	935	75.3	242	4	US-09-121-952A-51	Sequence 51, Appl
29	935	75.3	242	4	US-09-234-340A-51	Sequence 51, Appl
30	932	75.0	219	3	US-09-027-449-72	Sequence 72, Appl
31	932	75.0	219	3	US-09-026-985-72	Sequence 72, Appl
32	932	75.0	219	4	US-09-121-952A-72	Sequence 72, Appl
33	932	75.0	219	4	US-09-234-340A-72	Sequence 72, Appl
34	932	75.0	242	3	US-09-027-449-56	Sequence 56, Appl
35	932	75.0	242	3	US-08-804-444A-56	Sequence 56, Appl
36	932	75.0	242	3	US-09-026-985-56	Sequence 56, Appl
37	932	75.0	242	4	US-09-121-952A-56	Sequence 56, Appl
38	932	75.0	242	4	US-09-234-340A-56	Sequence 56, Appl
39	928.5	74.8	240	4	US-09-301-593-28	Sequence 28, Appl
40	927.5	74.7	224	4	US-09-456-090A-46	Sequence 46, Appl
41	915.5	73.7	224	4	US-09-456-090A-84	Sequence 84, Appl
42	913.5	73.6	224	4	US-09-456-090A-82	Sequence 82, Appl
43	913.5	73.6	224	4	US-09-456-090A-88	Sequence 88, Appl
44	913.5	73.6	224	4	US-09-456-090A-90	Sequence 90, Appl
45	909.5	73.2	220	3	US-08-952-235-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1

US-08-487-550-6

; Sequence 6, Application US/08487550

; Patent No. 6113898

; GENERAL INFORMATION:

; APPLICANT: Anderson, Darrell R.

; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC

; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF.

; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

; IMMUNOSUPPRESSANTS"

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSES: BURNS, DOANE, SWECKER & MATHIS

; STREET: 699 Prince Street

; CITY: Alexandria

; STATE: VA

; COUNTRY: USA

; ZIP: 22314

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/487,550

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Taskin, Robin L.

; REGISTRATION NUMBER: 35,030

; REFERENCE/DOCKET NUMBER: 012712-131

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 703-836-6620

; TELEFAX: 703-836-2021

; INFORMATION FOR SEQ ID NO: 6:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 239 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; US-08-487-550-6

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Best Local Similarity 100.0%; Pred. No. 5.5e-101;

Matches 239; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MSIPALQLGLLLCVPGSSGEVVTQSPSLPTTGPBPASISCRSSQSLKHNGTFLSW 60

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DB 61 YQKQGPQPRLLIYKVNRSQVDPFSGSGAGTDTFLKISAVEAEDGVYFCGGGTRTP 120
QY 121 PTFGGGTVKIKRTVAAPSVFIFPPSDEQLKSGTASVCLLNNFYPREAKVQWKVDNALQ 180
DB 121 PTFGGGTVKIKRTVAAPSVFIFPPSDEQLKSGTASVCLLNNFYPREAKVQWKVDNALQ 180
QY 181 SGNQSVTEQDSKDSSTYLSSTLTLSKADYBKHKVYACEVTHQGLSSPVTKSFNRGEC 239
DB 181 SGNQSVTEQDSKDSSTYLSSTLTLSKADYBKHKVYACEVTHQGLSSPVTKSFNRGEC 239

RESULT 2

US-09-526-098-6
; Sequence 6, Application US/09526098
; Patent No. 6492134
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
; TITLE OF INVENTION: TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SHECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/526,098
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/383,916
; FILING DATE:
; APPLICATION NUMBER: US 08/487,550
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Feskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-526-098-6

Query Match 100.0%; Score 1242; DB 4; Length 239;
Best Local Similarity 100.0%; Pred. No. 5.5e-101;
Matches 239; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MSLPAQLGLLLLCVPGSGEVVMTQSPLSLPITPGEPAISCRSSQSLKHSNGDTFLSW 60
QY 61 YQKQGPQPRLLIYKVNRSQVDPFSGSGAGTDTFLKISAVEAEDGVYFCGGGTRTP 120
DB 61 YQKQGPQPRLLIYKVNRSQVDPFSGSGAGTDTFLKISAVEAEDGVYFCGGGTRTP 120
QY 121 PTFGGGTVKIKRTVAAPSVFIFPPSDEQLKSGTASVCLLNNFYPREAKVQWKVDNALQ 180

DB 121 PTFGGGTVKIKRTVAAPSVFIFPPSDEQLKSGTASVCLLNNFYPREAKVQWKVDNALQ 180
QY 181 SGNQSVTEQDSKDSSTYLSSTLTLSKADYBKHKVYACEVTHQGLSSPVTKSFNRGEC 239
DB 181 SGNQSVTEQDSKDSSTYLSSTLTLSKADYBKHKVYACEVTHQGLSSPVTKSFNRGEC 239
RESULT 3
US-07-916-098A-56
; Sequence 56, Application US/07916098A
; Patent No. 5871732
; GENERAL INFORMATION:
; APPLICANT: BURKLY, LINDA C.
; APPLICANT: CHISHOLM, PATRICIA L.
; APPLICANT: THOMAS, DAVID W.
; APPLICANT: ROSA, MARGARET D.
; APPLICANT: ROSA, JOSEPH J.
; TITLE OF INVENTION: ANTI-CD4 ANTIBODY HOMOLOGS USEFUL IN
; TITLE OF INVENTION: PROPHYLAXIS AND TREATMENT OF AIDS, ARC AND HIV INFECTION
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ALLEGRETTI & WITCOFF, LTD.
; STREET: 10 SOUTH WACKER DRIVE
; CITY: CHICAGO
; STATE: ILLINOIS
; COUNTRY: U.S.A.
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/916,098A
; FILING DATE: July 24, 1992
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/08843
; FILING DATE: No. 5871732ember 27, 1991
; CLASSIFICATION: 424
; APPLICATION NUMBER: 07/618,542
; FILING DATE: No. 5871732ember 27, 1990
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: JOHN J. MC DONNELL
; REGISTRATION NUMBER: 26,949
; REFERENCE/DOCKET NUMBER: 92,310-G
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 715-1000
; TELEFAX: (312) 715-1234
; TELEX: 910/221-5317
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 241 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-07-916-098A-56

Query Match 78.7%; Score 978; DB 2; Length 241;
Best Local Similarity 80.4%; Pred. No. 6.4e-78;
Matches 193; Conservative 22; Mismatches 23; Indels 2; Gaps 2;

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DB 3 MRYPAQLGLLLLCVPGSGEVVMTQSPLSLAVSLGERATINCKSGSLIYSTNQKNYLA 62
QY 60 WYQKQGPQPRLLIYKVNRSQVDPFSGSGAGTDTFLKISAVEAEDGVYFCGGGTRTP 119
DB 63 WYQKQGPQPRLLIYKVNRSQVDPFSGSGAGTDTFLKISAVEAEDGVYFCGGGTRTP 121
QY 120 PTFGGGTVKIKRTVAAPSVFIFPPSDEQLKSGTASVCLLNNFYPREAKVQWKVDNAL 179

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

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(without alignments)
5650.904 Million cell updates/sec

Title: US-09-758-173-7

Perfect score: 1437

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Identity NUC
Gapop 10.0 , Gapext 1.0

Searched: 2995936 seqs, 228098010 residues

Total number of hits satisfying chosen parameters: 5991872

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

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- 16: /cgn2_6/ptodata/1/pubna/US09H_PUBCOMB.seq*
- 17: /cgn2_6/ptodata/1/pubna/US09I_PUBCOMB.seq*
- 18: /cgn2_6/ptodata/1/pubna/US09J_PUBCOMB.seq*
- 19: /cgn2_6/ptodata/1/pubna/US09K_PUBCOMB.seq*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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8	1216	84.6	1616	9	US-09-822-830A-571
9	1186	82.5	1798	9	US-09-925-299-230
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11	1185	82.5	1425	16	US-10-461-148-11
12	1185	82.5	1430	10	US-09-848-832-1
13	1185	82.5	1430	15	US-10-225-108A-1
14	1184	82.4	1644	16	US-10-291-265-159

15	1184	82.4	1673	13	US-10-342-887-1932
16	1184	82.4	1673	13	US-10-172-118-1932
17	1183.4	82.4	1633	16	US-10-108-260A-2197
18	1173	81.6	1631	16	US-10-108-260A-1630
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22	1169.8	81.4	1427	14	US-10-066-895-20
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24	1166.6	81.2	1633	16	US-10-108-260A-1852
25	1165.4	81.1	1615	9	US-09-822-849A-111
26	1163	80.9	1617	9	US-09-822-830A-571
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30	1148.2	79.9	1624	16	US-10-108-260A-1748
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32	1147.8	79.9	1392	15	US-10-150-475A-7
33	1147.8	79.9	9588	13	US-10-147-849-16
34	1142.8	79.5	1598	9	US-09-822-849A-103
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36	1141.4	79.4	1356	9	US-09-822-698A-27
37	1141.4	79.4	1431	15	US-10-225-108A-15
38	1141.4	79.4	1431	16	US-10-461-148-8
39	1141.4	79.4	1620	16	US-10-108-260A-1851
40	1139.8	79.3	1618	16	US-10-108-260A-1845
41	1138.6	79.2	1347	9	US-09-736-371B-20
42	1138.6	79.2	1347	16	US-10-463-442-20
43	1138.6	79.2	1590	9	US-09-822-849A-114
44	1138.6	79.2	1637	16	US-10-104-047-1760
45	1138.6	79.2	1640	9	US-09-822-849A-321

ALIGNMENTS

RESULT 1

US-09-948-429B-7
Sequence 7, Application US/09948429B
Patent No. US20020177689A1

GENERAL INFORMATION:

APPLICANT: Anderson, Darrell R.

TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF.

TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

TITLE OF INVENTION: IMMUNOSUPPRESSANTS"

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS

CITY: Alexandria

STATE: VA

COUNTRY: USA

ZIP: 22314

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION NUMBER: US/09/948,429B

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION NUMBER: 09/383,916

FILING DATE:

APPLICATION NUMBER: US 08/487,550

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Teskin, Robin L.

REGISTRATION NUMBER: 35,030

REFERENCE/DOCKET NUMBER: 012712-131

TELECOMMUNICATION INFORMATION:

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 7, 2004, 00:41:24 ; Search time 113.665 Seconds
(without alignments)
7015.931 Million cell updates/sec

Title: US-09-758-173-7

Perfect score: 1437

Sequence: 1 ATGGGFTGGAGCCTCATCTT.....CCCTGTCTCCGGGTAATGA 1437

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match D%

Maximum Match 100%

Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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4	1155.8	80.4	1576	1	US-08-157-101A-6
5	1142	79.5	1350	1	US-08-157-101A-9
6	1133.4	78.9	1599	4	US-09-023-655-1120
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13	1127.4	78.5	18986	2	US-08-819-866-2
14	1127.4	78.5	18986	2	US-09-023-715-2
15	1127.4	78.5	18986	4	US-09-343-485A-2
16	1120.6	78.0	8120	3	US-09-027-449-68
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18	1120.6	78.0	8120	4	US-09-121-952A-68
19	1120.6	78.0	8120	4	US-09-234-340A-68
20	1118.2	77.8	1428	1	US-08-488-376-19
21	1118.2	77.8	1428	2	US-08-634-223-19
22	1118.2	77.8	1428	2	US-08-634-224-19
23	1118.2	77.8	1428	2	US-08-634-400-19
24	1118.2	77.8	1428	2	US-08-635-878-19
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27	1118.2	77.8	1428	4	US-09-335-697B-19

28 1118.2 77.8 1428 4 US-09-740-002-19 Sequence 19, Appl
29 1117.2 77.7 1431 3 US-08-487-550-3 Sequence 3, Appl
30 1117.2 77.7 1431 4 US-09-526-098-3 Sequence 3, Appl
31 1113.4 77.5 1428 1 US-08-488-376-17 Sequence 17, Appl
32 1113.4 77.5 1428 2 US-08-634-223-17 Sequence 17, Appl
33 1113.4 77.5 1428 2 US-08-634-224-17 Sequence 17, Appl
34 1113.4 77.5 1428 2 US-08-634-400-17 Sequence 17, Appl
35 1113.4 77.5 1428 2 US-08-635-878-17 Sequence 17, Appl
36 1113.4 77.5 1428 2 US-08-770-057-17 Sequence 17, Appl
37 1113.4 77.5 1428 3 US-09-335-697B-17 Sequence 17, Appl
38 1113.4 77.5 1428 4 US-09-740-002-17 Sequence 17, Appl
39 1113.4 77.5 1428 4 US-09-740-002-17 Sequence 11, Appl
40 1112.4 77.4 1431 3 US-08-487-550-11 Sequence 11, Appl
41 1112.4 77.4 1431 4 US-09-526-098-11 Sequence 11, Appl
42 1108 77.1 1418 4 US-08-793-450-7 Sequence 7, Appl
43 1102 76.7 6557 1 US-08-286-740-3 Sequence 3, Appl
44 1102 76.7 6557 5 PCT-US95-09576-3 Sequence 3, Appl
45 1087 75.6 1567 3 US-09-049-672A-17 Sequence 17, Appl

ALIGNMENTS

RESULT 1
US-08-487-550-7
; Sequence 7, Application US/08487550
; Patent No. 6113898
; GENERAL INFORMATION:

APPLICANT: Anderson, Darrell R.
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF, AND USE THEREOF AS PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS"

TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS

TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS

STREET: 699 Prince Street

CITY: Alexandria

STATE: VA

COUNTRY: USA

ZIP: 22314

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION NUMBER: US/08/487,550

FILING DATE: 07-JUN-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Teskin, Robin L.

REGISTRATION NUMBER: 35,030

REFERENCE/DOCKET NUMBER: 012712-131

TELECOMMUNICATION INFORMATION:

TELEPHONE: 703-836-6620

TELEFAX: 703-836-2021

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 1437 base pairs

TYPE: nucleic acid

STRANDEDNESS: not relevant

TOPOLOGY: linear

MOLECULE TYPE: peptide

FEATURE:

NAME/KEY: CDS

LOCATION: 1..1437

FEATURE:

NAME/KEY: mat peptide

LOCATION: 1..1437

US-08-487-550-7

Query Match 100.0%; Score 1437; DB 3; Length 1437;

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: June 6, 2004, 12:00:32 ; Search time 46.705 Seconds
(without alignments)
2879.347 Million cell updates/sec

Title: US-09-758-173-8

Perfect score: 2561

Sequence: 1 MGNLSLLFLVAVATRVQCE.....MHEALHNYTQXSLSPGK 478

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1155919 seqs, 281338677 residues

Total number of hits satisfying chosen parameters: 1155919

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:
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4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep.*
5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep.*
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18: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	2561	100.0	478	9	US-09-948-4298-8
2	2561	100.0	478	12	US-09-758-173-8
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4	2561	100.0	478	14	US-10-124-807-8
5	2561	100.0	478	14	US-10-291-532-8
6	2193.5	85.7	663	12	US-10-412-406-32
7	2190.5	85.5	469	16	US-10-656-769-26
8	2190.5	85.5	468	15	US-10-377-109-2
9	2184.5	85.3	452	10	US-09-726-258-71
10	2183	85.2	474	14	US-09-848-832-3
11	2183	85.2	474	14	US-10-225-108A-3
12	2183	85.2	474	15	US-10-461-148-1
13	2183	85.2	4852	12	US-10-412-406-33
14	2177.5	85.0	477	15	US-10-291-265-395
15	2176	85.0	470	14	US-10-020-786-9

16	2176	85.0	470	14	US-10-227-694-5
17	2175.5	84.9	447	16	US-10-474-832-4
18	2173	84.8	478	15	US-10-104-047-3812
19	2171	84.8	474	15	US-10-108-260A-4640
20	2169.5	84.7	447	16	US-10-474-832-5
21	2168.5	84.7	469	16	US-10-656-769-20
22	2165.5	84.6	447	16	US-10-474-832-6
23	2165	84.5	451	15	US-10-423-299-4
24	2160.5	84.4	473	15	US-10-108-260A-4681
25	2160	84.3	451	9	US-09-822-698A-26
26	2156	84.2	476	14	US-10-020-786-11
27	2155.5	84.2	445	14	US-10-320-231A-79
28	2154	84.1	449	9	US-09-736-371B-21
29	2154	84.1	449	15	US-10-463-442-21
30	2150	84.0	472	15	US-10-108-260A-4073
31	2149.5	83.9	731	9	US-09-825-012-46
32	2149.5	83.9	741	9	US-09-825-012-55
33	2148.5	83.9	446	16	US-10-408-901-38
34	2148.5	83.9	979	15	US-10-418-836-10
35	2147	83.8	464	12	US-10-029-926B-26
36	2147	83.8	464	15	US-10-032-037B-26
37	2147	83.8	464	15	US-10-029-988B-26
38	2147	83.8	464	15	US-10-032-423A-26
39	2146.5	83.8	449	14	US-10-253-366-2
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41	2146.5	83.8	449	14	US-10-356-974-2
42	2146.5	83.8	449	15	US-10-423-299-2
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44	2144.5	83.7	729	9	US-09-825-012-52
45	2144.5	83.7	739	9	US-09-825-012-61

ALIGNMENTS

RESULT 1

US-09-948-4298-8

; Sequence 8, Application US/09948429B

; Patent No. US20020177689A1

; GENERAL INFORMATION:

; APPLICANT: Anderson, Darrell R.

; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC

; TO HUMAN B7.1 AND/OR B7.2 PRIVATIZED FORMS THEREOF, AND USE THEREOF AS

; PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

; IMMUNOSUPPRESSANTS"

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSER: BURNS, DOANE, SWECKER & MATHIS

; STREET: 699 Prince Street

; CITY: Alexandria

; STATE: VA

; COUNTRY: USA

; ZIP: 22314

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/948,429B

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/383,916

; FILING DATE:

; APPLICATION NUMBER: US 08/487,550

; FILING DATE: 07-JUN-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Teskin, Robin L.

; REGISTRATION NUMBER: 35,030

; REFERENCE/DOCKET NUMBER: 012712-131

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 703-836-6620

TELEFAX: 703-836-2021
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 478 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-948-429B-8

Query Match 100.0%; Score 2561; DB 9; Length 478;
Best Local Similarity 100.0%; Pred. No. 5.6e-165;
Matches 478; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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DB 1 MMSLLILLFLVAVATRVQCEVQLVSGGLVQPGSLRVSCAVSGFTFSDHYMYWFRQAP 60
QY 61 GKGPEWVGFIIRNKPNGGTTTEAASVKDRFTISRDDSKSIAYLQMSLKIETAVYYCTTS 120
DB 61 GKGPEWVGFIIRNKPNGGTTTEAASVKDRFTISRDDSKSIAYLQMSLKIETAVYYCTTS 120
QY 121 YISHCRGGVCYGYEFPWQGGALVTSSASTKGPSVFPPLAPSSKSTSGTAAALGCLVKDY 180
DB 121 YISHCRGGVCYGYEFPWQGGALVTSSASTKGPSVFPPLAPSSKSTSGTAAALGCLVKDY 180
QY 181 PPEPVTVSNWNSGALTSGVHTFPAVLQSSGLYSLSSVTVTPSSSLGTQTYICNVNHPKPSNT 240
DB 181 PPEPVTVSNWNSGALTSGVHTFPAVLQSSGLYSLSSVTVTPSSSLGTQTYICNVNHPKPSNT 240
QY 241 KVDKKAEPKSCDKTHTCPCPAPPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSH 300
DB 241 KVDKKAEPKSCDKTHTCPCPAPPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSH 300
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DB 301 DPEVKFNWYVDGVEVHNNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALP 360
QY 361 APIETISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGQPEN 420
DB 361 APIETISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGQPEN 420
QY 421 NYKTPPVLDSGDSFFLYSKLTVDSRWQGNVFCSCVWHEALHNHYTQKSLSLSPGK 478
DB 421 NYKTPPVLDSGDSFFLYSKLTVDSRWQGNVFCSCVWHEALHNHYTQKSLSLSPGK 478

RESULT 2

US-09-758-173-8
Sequence 8, Application US/09758173
Publication No. US20010024648A1
GENERAL INFORMATION:
APPLICANT: Anderson, Darrell R.
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,
PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
IMMUNOSUPPRESSANTS"
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: 699 Prince Street
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09758.173
FILING DATE:
CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/383,916
FILING DATE:
APPLICATION NUMBER: US 08/487,550
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Teskin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-131
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6620
TELEFAX: 703-836-2021
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 478 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-758-173-8

Query Match 100.0%; Score 2561; DB 12; Length 478;
Best Local Similarity 100.0%; Pred. No. 5.6e-165;
Matches 478; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MMSLLILLFLVAVATRVQCEVQLVSGGLVQPGSLRVSCAVSGFTFSDHYMYWFRQAP 60
DB 1 MMSLLILLFLVAVATRVQCEVQLVSGGLVQPGSLRVSCAVSGFTFSDHYMYWFRQAP 60
QY 61 GKGPEWVGFIIRNKPNGGTTTEAASVKDRFTISRDDSKSIAYLQMSLKIETAVYYCTTS 120
DB 61 GKGPEWVGFIIRNKPNGGTTTEAASVKDRFTISRDDSKSIAYLQMSLKIETAVYYCTTS 120
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DB 121 YISHCRGGVCYGYEFPWQGGALVTSSASTKGPSVFPPLAPSSKSTSGTAAALGCLVKDY 180
QY 181 PPEPVTVSNWNSGALTSGVHTFPAVLQSSGLYSLSSVTVTPSSSLGTQTYICNVNHPKPSNT 240
DB 181 PPEPVTVSNWNSGALTSGVHTFPAVLQSSGLYSLSSVTVTPSSSLGTQTYICNVNHPKPSNT 240
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DB 241 KVDKKAEPKSCDKTHTCPCPAPPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSH 300
QY 301 DPEVKFNWYVDGVEVHNNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALP 360
DB 301 DPEVKFNWYVDGVEVHNNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALP 360
QY 361 APIETISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGQPEN 420
DB 361 APIETISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGQPEN 420
QY 421 NYKTPPVLDSGDSFFLYSKLTVDSRWQGNVFCSCVWHEALHNHYTQKSLSLSPGK 478
DB 421 NYKTPPVLDSGDSFFLYSKLTVDSRWQGNVFCSCVWHEALHNHYTQKSLSLSPGK 478

RESULT 3

US-10-124-905-8
Sequence 8, Application US/10124905
Publication No. US20020166136A1
GENERAL INFORMATION:
APPLICANT: Anderson, Darrell R.
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,
PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
IMMUNOSUPPRESSANTS"
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: 699 Prince Street
CITY: Alexandria
STATE: VA

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: June 6, 2004, 12:00:32 ; Search time 19.6653 Seconds
(without alignments)
1254.863 Million cell updates/sec

Title: US-09-758-173-8

Perfect score: 2561

Sequence: 1 MWSLLILFLVAVATRVQCE.....MHEALHNHYTQKLSLSPGK 478

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA.*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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2	2561	100.0	478	4	US-09-526-098-8
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4	2184.5	85.3	452	3	US-09-026-985-71
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7	2146.5	83.8	449	4	US-09-679-397-2
8	2146.5	83.8	449	4	US-09-680-148-2
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22	2132	83.2	451	3	US-09-109-207C-14
23	2132	83.2	451	3	US-09-109-207C-16
24	2132	83.2	451	3	US-09-296-005-14
25	2132	83.2	451	3	US-09-296-005-16
26	2132	83.2	451	4	US-08-920-171-14
27	2132	83.2	451	4	US-09-920-171-16

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29	2132	83.2	453	4	US-08-466-163B-8	Sequence 8, Appli
30	2132	83.2	453	4	US-09-802-096-8	Sequence 8, Appli
31	2100	82.0	476	2	US-08-378-939-10	Sequence 10, Appli
32	2089.5	81.6	467	3	US-09-049-672A-8	Sequence 8, Appli
33	2078	81.1	472	4	US-08-793-450-8	Sequence 8, Appli
34	2073.5	81.0	475	4	US-09-740-002-25	Sequence 25, Appli
35	2073	80.9	476	3	US-08-487-550-4	Sequence 4, Appli
36	2073	80.9	476	4	US-09-526-098-4	Sequence 4, Appli
37	2071.5	80.9	475	4	US-09-740-002-27	Sequence 27, Appli
38	2069	80.8	449	1	US-08-458-516-13	Sequence 13, Appli
39	2064	80.6	472	4	US-09-301-593-43	Sequence 43, Appli
40	2058.5	80.4	467	1	US-08-704-744-81	Sequence 81, Appli
41	2056.5	80.3	446	3	US-08-397-411-7	Sequence 7, Appli
42	2054	80.2	468	4	US-09-485-737B-67	Sequence 67, Appli
43	2054	80.2	472	4	US-09-301-593-30	Sequence 30, Appli
44	2054	80.2	711	4	US-09-485-737B-90	Sequence 90, Appli
45	2053	80.2	476	3	US-08-487-550-12	Sequence 12, Appli

ALIGNMENTS

RESULT 1

US-08-487-550-8

; Sequence 8, Application US/08487550

; Patent No. 6113898

; GENERAL INFORMATION:

; APPLICANT: Anderson, Darrell R.

; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC

; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF.

; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

; IMMUNOSUPPRESSANTS"

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESS: BURNS, DOANE, SWECKER & MATHIS

; STREET: 699 Prince Street

; CITY: Alexandria

; STATE: VA

; COUNTRY: USA

; ZIP: 22314

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/487,550

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Teskin, Robin L.

; REGISTRATION NUMBER: 35,030

; REFERENCE/DOCKET NUMBER: 012712-131

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 703-836-6620

; TELEFAX: 703-836-2021

; INFORMATION FOR SEQ ID NO: 8:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 478 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

US-08-487-550-8

Query Match 100.0%; Score 2561; DB 3; Length 478;

Best Local Similarity 100.0%; Pred. No. 9.8e-199;

Matches 478; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MWSLLILFLVAVATRVQCEVLSGGGLVQPGSLRVSCAVSGFTPSDHYMYFRQAP 60

DB 1 MWSLLILFLVAVATRVQCEVLSGGGLVQPGSLRVSCAVSGFTPSDHYMYFRQAP 60

QY 61 GKGPEWVGPIRNKPGGTTTEAAYAKDRFTISRDDSKSIAYLQMSLKIEDTAVYCTTS 120
DB 61 GKGPEWVGPIRNKPGGTTTEAAYAKDRFTISRDDSKSIAYLQMSLKIEDTAVYCTTS 120
QY 121 YLSHCRGGVCGYGFEPWQGGALVTVSSASTKGPVFPPLAPSSKSTSGTAAALGCLVKDY 180
DB 121 YLSHCRGGVCGYGFEPWQGGALVTVSSASTKGPVFPPLAPSSKSTSGTAAALGCLVKDY 180
QY 181 PEPVTVSWNSGALTSQVHTFPAVLQSSGLYSLSVTVVPSSSLGTQYICNVNHPKPSNT 240
DB 181 PEPVTVSWNSGALTSQVHTFPAVLQSSGLYSLSVTVVPSSSLGTQYICNVNHPKPSNT 240
QY 241 KVDKKAEPKSCDKTHTCPCPAPPELLGGPSVFLPPKPKDTLMISRTPEVTCVVDVSHR 300
DB 241 KVDKKAEPKSCDKTHTCPCPAPPELLGGPSVFLPPKPKDTLMISRTPEVTCVVDVSHR 300
QY 301 DPEVKFNWYVDGVEVHNKATKPREEQYNSTYRVVSVLTVLHQDMLNGKEYCKKVSNAKLP 360
DB 301 DPEVKFNWYVDGVEVHNKATKPREEQYNSTYRVVSVLTVLHQDMLNGKEYCKKVSNAKLP 360
QY 361 APIETISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGQPEN 420
DB 361 APIETISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGQPEN 420
QY 421 NYKTTPLVDSGSPFLYSKLTVDKSRWQQGNVSCVMHEALHNHYTOKSLSPGK 478
DB 421 NYKTTPLVDSGSPFLYSKLTVDKSRWQQGNVSCVMHEALHNHYTOKSLSPGK 478

RESULT 2

US-09-526-098-8
; Sequence 8, Application US/09526098
; Patent No. 6492134
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF."
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DONNE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/526,098
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/383,916
; FILING DATE:
; APPLICATION NUMBER: US 08/487,550
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 478 amino acids
; TYPE: amino acid
; TOPOLOGY: linear

MOLECULE TYPE: protein
US-09-526-098-8
Query Match 100.0%; Score 2561; DB 4; Length 478;
Best Local Similarity 100.0%; Pred. No. 9.8e-199;
Matches 478; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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DB 1 MMSLLILLFLVAVATRVQCEWQVLSGGGLVQPGSLRVSCAVSGFTFSDHYWVWFRQAP 60
QY 61 GKGPEWVGPIRNKPGGTTTEAAYAKDRFTISRDDSKSIAYLQMSLKIEDTAVYCTTS 120
DB 61 GKGPEWVGPIRNKPGGTTTEAAYAKDRFTISRDDSKSIAYLQMSLKIEDTAVYCTTS 120
QY 121 YLSHCRGGVCGYGFEPWQGGALVTVSSASTKGPVFPPLAPSSKSTSGTAAALGCLVKDY 180
DB 121 YLSHCRGGVCGYGFEPWQGGALVTVSSASTKGPVFPPLAPSSKSTSGTAAALGCLVKDY 180
QY 181 PEPVTVSWNSGALTSQVHTFPAVLQSSGLYSLSVTVVPSSSLGTQYICNVNHPKPSNT 240
DB 181 PEPVTVSWNSGALTSQVHTFPAVLQSSGLYSLSVTVVPSSSLGTQYICNVNHPKPSNT 240
QY 241 KVDKKAEPKSCDKTHTCPCPAPPELLGGPSVFLPPKPKDTLMISRTPEVTCVVDVSHR 300
DB 241 KVDKKAEPKSCDKTHTCPCPAPPELLGGPSVFLPPKPKDTLMISRTPEVTCVVDVSHR 300
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QY 361 APIETISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGQPEN 420
DB 361 APIETISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGQPEN 420
QY 421 NYKTTPLVDSGSPFLYSKLTVDKSRWQQGNVSCVMHEALHNHYTOKSLSPGK 478
DB 421 NYKTTPLVDSGSPFLYSKLTVDKSRWQQGNVSCVMHEALHNHYTOKSLSPGK 478

RESULT 3

US-09-027-449-71
; Sequence 71, Application US/09027449
; Patent No. 6025158
; GENERAL INFORMATION:
; APPLICANT: Gonzalez, Tania R.
; APPLICANT: Leong, Steven R.
; APPLICANT: Presta, Leonard G.
; TITLE OF INVENTION: Antibody Fragment-Polymer Conjugates and
; Humanized Anti-IL-8 Monoclonal Antibodies
; NUMBER OF SEQUENCES: 72
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 1 DNA Way
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/027,449
; FILING DATE: 20-Feb-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/074,330
; FILING DATE: 22-Jan-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/038,664
; FILING DATE: 21-Feb-1997

GenCore version 5.1.6
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Run on: June 7, 2004, 01:56:45 ; Search time 573.993 Seconds

(without alignments)
5650.904 Million cell updates/sec

Title: US-09-758-173-9

Perfect score: 711

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Gapop 10.0 , Gapext 1.0

Searched: 2995936 seqs, 2280998010 residues

Total number of hits satisfying chosen parameters: 5991872

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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Published Applications NA:*

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6: /cgn2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq:*

7: /cgn2_6/ptodata/1/pubpna/US08_NEW_PUB.seq:*

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18: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq:*

19: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	711	100.0	711	13	US-09-758-173-9
3	711	100.0	711	14	US-10-124-903-9
4	711	100.0	711	15	US-10-073-138-5
5	711	100.0	711	15	US-10-124-807-9
6	711	100.0	711	15	US-10-291-532-9
7	561.8	79.0	1640	15	US-10-198-846-13206
8	552.6	77.7	768	9	US-09-747-669-4
9	552.6	77.7	768	9	US-09-747-669-5
10	552.6	77.7	768	15	US-10-290-703-4
11	552.6	77.7	768	15	US-10-290-703-5
12	552.4	77.7	848	15	US-10-158-646-70
13	551	77.5	1590	15	US-10-198-846-12799
14	550.6	77.4	888	15	US-10-158-646-71

15 545.6 76.7 9472 13 US-09-837-306-134 Sequence 134, App

16 545.6 76.7 9532 16 US-10-043-674-451 Sequence 451, App

17 540.2 76.0 705 9 US-09-948-429B-1 Sequence 1, Appli

18 540.2 76.0 705 13 US-09-758-173-1 Sequence 1, Appli

19 540.2 76.0 705 14 US-10-124-903-1 Sequence 1, Appli

20 540.2 76.0 705 14 US-10-073-138-1 Sequence 1, Appli

21 540.2 76.0 705 15 US-10-124-807-1 Sequence 1, Appli

22 540.2 76.0 705 15 US-10-291-532-1 Sequence 1, Appli

23 534.8 75.2 2112 14 US-10-001-857-108 Sequence 108, App

24 532.2 74.9 915 9 US-09-954-456-788 Sequence 788, App

25 532.2 74.9 915 9 US-09-880-107-3743 Sequence 3743, Ap

26 532.2 74.9 915 10 US-09-960-706-1069 Sequence 1069, Ap

27 532.2 74.9 915 10 US-09-873-319-710 Sequence 710, App

28 532.2 74.9 915 13 US-10-342-887-1912 Sequence 1912, Ap

29 532.2 74.9 915 13 US-10-172-118-1912 Sequence 1912, Ap

30 532.2 74.9 964 13 US-10-363-616-87 Sequence 87, Appl

31 531.8 74.8 2635 15 US-10-198-846-13529 Sequence 13529, A

32 527.6 74.2 705 15 US-10-194-801C-3 Sequence 3, Appli

33 525.4 73.9 2635 15 US-10-198-846-13529 Sequence 13529, A

34 518.8 73.0 819 13 US-10-342-887-1913 Sequence 1913, Ap

35 518.8 73.0 819 13 US-10-172-118-1913 Sequence 1913, Ap

36 510.6 71.8 1840 15 US-10-198-846-13206 Sequence 13206, A

37 507.2 71.3 729 16 US-10-461-148-12 Sequence 12, Appl

38 504.2 70.9 883 15 US-10-158-646-73 Sequence 73, Appl

39 504.2 70.9 885 9 US-09-853-161-47 Sequence 47, Appl

40 494.6 69.6 1597 15 US-10-198-846-13540 Sequence 13540, A

41 484.2 68.1 885 9 US-09-852-659A-47 Sequence 47, Appl

42 484.2 68.1 885 9 US-09-852-659A-47 Sequence 47, Appl

43 484.2 68.1 885 13 US-10-058-993-47 Sequence 47, Appl

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45 482.6 67.9 879 9 US-09-853-161-29 Sequence 29, Appl

ALIGNMENTS

RESULT 1

US-09-948-429B-9

Sequence 9, Application US/09948429B

Patent No. US20020177689A1

GENERAL INFORMATION:

APPLICANT: Anderson, Darrell R.

TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC

TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,

TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

TITLE OF INVENTION: IMMUNOSUPPRESSANTS"

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS

STREET: 699 Prince Street

CITY: Alexandria

STATE: VA

COUNTRY: USA

ZIP: 22314

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/948,429B

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/383,916

FILING DATE:

APPLICATION NUMBER: US 08/487,550

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Teskin, Robin L.

REGISTRATION NUMBER: 35,030

REFERENCE/DOCKET NUMBER: 012712-131

TELECOMMUNICATION INFORMATION:

TELEPHONE: 703-836-6620
TELEFAX: 703-836-2021
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 711 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: CDS
LOCATION: 1..711
NAME/KEY: mat_peptide
LOCATION: 1..711
US-09-948-429B-9

Query Match 100.0%; Score 711; DB 9; Length 711;
Best Local Similarity 100.0%; Pred. No. 1.9e-208;
Matches 711; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGGGTCCCGCTCAGCTCCCTGGGCTCTGCTCTGCTCCAGGTGACGATGT 60
DB 1 ATGAGGGTCCCGCTCAGCTCCCTGGGCTCTGCTCTGCTCCAGGTGACGATGT 60

QY 61 GAGTCTGTCTGACACAGCGGCTCAGTGTCTGGGCTCCAGGAGGTCACCATC 120
DB 61 GAGTCTGTCTGACACAGCGGCTCAGTGTCTGGGCTCCAGGAGGTCACCATC 120

QY 121 TCGTGCACCTGGGACACCTCCACATTTGGAGGTTATCATCTACATTGGTACGAGCTC 180
DB 121 TCGTGCACCTGGGACACCTCCACATTTGGAGGTTATCATCTACATTGGTACGAGCTC 180

QY 181 CCAGGAACGGCCCCCAAACTCCTCATCTATGACATTAACAGGACCCCTCAGGAATTTCT 240
DB 181 CCAGGAACGGCCCCCAAACTCCTCATCTATGACATTAACAGGACCCCTCAGGAATTTCT 240

QY 241 GACCGATTCTCTGCTCCAAAGTCTGGTACCGGCTCCCTGGGCTCCATCTGGGCTCCAG 300
DB 241 GACCGATTCTCTGCTCCAAAGTCTGGTACCGGCTCCCTGGGCTCCATCTGGGCTCCAG 300

QY 301 ACTGAGGATGAGCTGATTATTACTGCTCAGGAGCTTCAAGCCACAGGCCCCACTGGTGTCTCATA 480
DB 301 ACTGAGGATGAGCTGATTATTACTGCTCAGGAGCTTCAAGCCACAGGCCCCACTGGTGTCTCATA 480

QY 481 ATGACTTCTACCCGGAGCCCTGACAGTGGCTTGAAGGAGAGTACGAGCCCGCTCAAG 540
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QY 541 GCGGAGTGGAGACACACACCTCCAAACAGGACCAACAGTACGCGCCAGGAGC 600
DB 541 GCGGAGTGGAGACACACACCTCCAAACAGGACCAACAGTACGCGCCAGGAGC 600

QY 601 TACCTGAGCTGACGCTCAGCAGTGGAGTCCACAGAGCTACAGCTGCCAGGTACG 660
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RESULT 2

US-09-758-173-9

; Sequence 9, Application US/09758173

Publication No. US20010024648A1
GENERAL INFORMATION:
APPLICANT: Anderson, Darrell R.
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF, AND USE THEREOF AS PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS"
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS"
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: 699 Prince Street
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/758.173
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/383,916
FILING DATE:
APPLICATION NUMBER: US 08/487,550
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Teskin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-131
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6620
TELEFAX: 703-836-2021
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 711 base pairs
TYPE: nucleic acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
NAME/KEY: CDS
LOCATION: 1..711
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 1..711
US-09-758-173-9

Query Match 100.0%; Score 711; DB 13; Length 711;
Best Local Similarity 100.0%; Pred. No. 1.9e-208;
Matches 711; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGGGTCCCGCTCAGCTCCCTGGGCTCTGCTCTGCTCCAGGTGACGATGT 60
DB 1 ATGAGGGTCCCGCTCAGCTCCCTGGGCTCTGCTCTGCTCCAGGTGACGATGT 60

QY 61 GAGTCTGTCTGACACAGCGGCTCAGTGTCTGGGCTCCAGGAGGTCACCATC 120
DB 61 GAGTCTGTCTGACACAGCGGCTCAGTGTCTGGGCTCCAGGAGGTCACCATC 120

QY 121 TCGTGCACCTGGGACACCTCCACATTTGGAGGTTATCATCTACATTGGTACGAGCTC 180
DB 121 TCGTGCACCTGGGACACCTCCACATTTGGAGGTTATCATCTACATTGGTACGAGCTC 180

QY 181 CCAGGAACGGCCCCCAAACTCCTCATCTATGACATTAACAGGACCCCTCAGGAATTTCT 240
DB 181 CCAGGAACGGCCCCCAAACTCCTCATCTATGACATTAACAGGACCCCTCAGGAATTTCT 240

QY 241 GACCGATTCTCTGCTCCAAAGTCTGGTACCGGCTCCCTGGGCTCCATCTGGGCTCCAG 300
DB 241 GACCGATTCTCTGCTCCAAAGTCTGGTACCGGCTCCCTGGGCTCCATCTGGGCTCCAG 300

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 7, 2004, 00:41:24 ; Search time 56.2392 Seconds
(without alignments)
7015.931 Million cell updates/sec

Title: US-09-758-173-9

Perfect score: 711

Sequence: 1 ATGAGGTCCCGCTCAGT.....CCCTACAGAATTCATGA 711

Scoring table: IDENTITY NUC

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Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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5	540.2	76.0	705	4	US-09-526-098-1
6	530.2	74.5	895	3	US-09-049-672A-25
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C 32	323.6	45.5	584	4	US-09-216-003A-268	Sequence 268, App
C 33	321	45.1	361	4	US-09-702-705-1589	Sequence 1589, App
C 34	321	45.1	361	4	US-09-736-457-1589	Sequence 1589, App
C 35	321	45.1	361	4	US-09-614-124B-1589	Sequence 1589, App
C 36	321	45.1	361	4	US-09-671-325-1589	Sequence 1589, App
C 37	314.8	44.3	705	4	US-09-592-998C-7	Sequence 7, Appli
C 38	314.6	44.2	420	4	US-09-702-705-433	Sequence 433, App
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C 41	314.6	44.2	420	4	US-09-671-325-433	Sequence 433, App
C 42	314.6	44.2	420	4	US-09-589-184-433	Sequence 433, App
C 43	313.8	44.1	373	4	US-09-702-705-1625	Sequence 1625, App
C 44	313.8	44.1	373	4	US-09-736-457-1625	Sequence 1625, App
C 45	313.8	44.1	373	4	US-09-614-124B-1625	Sequence 1625, App

ALIGNMENTS

RESULT 1

US-08-487-550-9

; Sequence 9, Application US/08487550

; Patent No. 6113898

; GENERAL INFORMATION:

; APPLICANT: Anderson, Darrell R.

; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC

; TITLE OF INVENTION: TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF.

; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BURNS, DOANE, SWICKER & MATHIS

; STREET: 699 Prince Street

; CITY: Alexandria

; STATE: VA

; COUNTRY: USA

; ZIP: 22314

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/487,550

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Teskin, Robin L.

; REGISTRATION NUMBER: 35,030

; REFERENCE/DOCKET NUMBER: 012712-131

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 703-836-6620

; TELEFAX: 703-836-2021

; INFORMATION FOR SEQ ID NO: 9:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 711 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: not relevant

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; FEATURE:

; NAME/KEY: CDS

; LOCATION: 1..711

; FEATURE:

; NAME/KEY: mat_peptide

; LOCATION: 1..711

US-08-487-550-9

Query Match 100.0%; Score 711; DB 3; Length 711;

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OK: protein - protein search, using sw model

Run on: June 6, 2004, 12:00:32 ; Search time 23.0594 Seconds
(without alignments)
2879.347 Million cell updates/sec

Title: US-09-758-173-10

Perfect score: 1232

Sequence: 1 MRVPAQLGLLLWLPAGRC.....CQVTHGSTVKTVAPECS 236

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1155919 seqs, 281338677 residues

Total number of hits satisfying chosen parameters: 1155919

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

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2: /cgn2_6/ptodata/2/pubaa/PCT_NEW_PUB.pep.*
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6: /cgn2_6/ptodata/2/pubaa/PCTUS_PUBCOMB.pep.*
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9: /cgn2_6/ptodata/2/pubaa/US09A_PUBCOMB.pep.*
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14: /cgn2_6/ptodata/2/pubaa/US10B_PUBCOMB.pep.*
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16: /cgn2_6/ptodata/2/pubaa/US10_NEW_PUB.pep.*
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18: /cgn2_6/ptodata/2/pubaa/US60_PUBCOMB.pep.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1232	100.0	236	9	US-09-948-429B-10
2	1232	100.0	236	12	US-09-758-173-10
3	1232	100.0	236	13	US-10-124-905-10
4	1232	100.0	236	14	US-10-124-807-10
5	1232	100.0	236	14	US-10-291-532-10
6	1006	81.7	235	9	US-09-747-669-6
7	1006	81.7	235	14	US-10-290-703-6
8	999.5	81.1	221	13	US-10-001-857-202
9	987	80.1	268	12	US-10-363-616-332
10	974	79.1	234	14	US-10-194-801C-4
11	973	79.0	234	9	US-09-948-429B-2
12	973	79.0	234	12	US-09-758-173-2
13	973	79.0	234	13	US-10-124-905-2
14	973	79.0	234	14	US-10-124-807-2
15	973	79.0	234	14	US-10-291-532-2

16	969	78.7	242	14	US-10-225-108A-14
17	969	78.7	242	15	US-10-461-148-7
18	960.5	77.2	219	9	US-09-974-449-38
19	916.5	74.4	219	14	US-10-026-925-57
20	910	73.9	214	10	US-09-972-656-96
21	909	73.8	218	10	US-09-972-656-102
22	907.5	73.7	217	10	US-09-972-656-88
23	897	72.8	216	10	US-09-972-656-90
24	889	72.2	233	12	US-10-029-926B-27
25	889	72.2	233	15	US-10-032-037B-27
26	889	72.2	233	15	US-10-028-988B-27
27	889	72.2	233	15	US-10-032-423A-27
28	888	72.1	218	10	US-09-791-153A-51
29	886	71.9	216	10	US-09-972-656-108
30	885	71.8	235	9	US-09-853-161-70
31	885	71.8	235	9	US-09-852-659A-70
32	885	71.8	235	9	US-09-852-797-70
33	885	71.8	235	12	US-10-058-993-70
34	882	71.6	235	9	US-09-853-161-88
35	882	71.6	235	9	US-09-852-659A-88
36	882	71.6	235	9	US-09-852-797-88
37	882	71.6	235	12	US-10-058-993-88
38	876.5	71.1	235	14	US-10-076-747-82
39	876	71.1	233	16	US-10-312-354-38
40	871.5	70.7	232	15	US-10-231-265-755
41	868	70.5	232	14	US-10-225-108A-12
42	868	70.5	232	15	US-10-461-148-6
43	867	70.4	686	12	US-10-072-012-795
44	866	70.3	231	15	US-10-291-265-283
45	866	70.3	269	15	US-10-264-049-2493

ALIGNMENTS

RESULT 1

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US-09-948-429B-10
; Sequence 10, Application US/09948429B
; Patent No. US20020177689A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, Dazrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF."
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWICKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/948,429B
; FILING DATE:
; CLASSIFICATION:
; PRIORITY DATA:
; APPLICATION NUMBER: 09/393,916
; FILING DATE:
; APPLICATION NUMBER: US 08/487,550
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
```


TELEFAX: 703-836-2021
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 236 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-948-429B-10

Query Match 100.0%; Score 1232; DB 9; Length 236;
Best Local Similarity 100.0%; Pred. No. 4.3e-85;
Matches 236; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRVPAQLLGLLLWLPARGCESVLTQPPSVSGAPQKQVTSCTGTSNIGGYDLHWYQQL 60
DB 1 MRVPAQLLGLLLWLPARGCESVLTQPPSVSGAPQKQVTSCTGTSNIGGYDLHWYQQL 60
QY 61 PGTAPKLLIYDINKRPSGISDRFSGSKSGTAASLAITGLQTEDEADYYCQSDSSINAQV 120
DB 61 PGTAPKLLIYDINKRPSGISDRFSGSKSGTAASLAITGLQTEDEADYYCQSDSSINAQV 120
QY 121 FGGGTRLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYPGAVTVAWKADSSPVK 180
DB 121 FGGGTRLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYPGAVTVAWKADSSPVK 180
QY 181 AGVETTTSPKQSNKNKYAASSYLSTLPQWKSHRSYSCQVTHGSGTVEKTVAPTECS 236
DB 181 AGVETTTSPKQSNKNKYAASSYLSTLPQWKSHRSYSCQVTHGSGTVEKTVAPTECS 236

RESULT 2
US-09-758-173-10
Sequence 10, Application US/09758173
Publication No. US20010024648A1
GENERAL INFORMATION:
APPLICANT: Anderson, Darrell R.
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF."
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS"
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: 699 Prince Street
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/758,173
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/383,916
FILING DATE:
APPLICATION NUMBER: US 08/487,550
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Teskin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-131
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6620
TELEFAX: 703-836-2021
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 236 amino acids
TYPE: amino acid

TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-758-173-10

Query Match 100.0%; Score 1232; DB 12; Length 236;
Best Local Similarity 100.0%; Pred. No. 4.3e-85;
Matches 236; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MRVPAQLLGLLLWLPARGCESVLTQPPSVSGAPQKQVTSCTGTSNIGGYDLHWYQQL 60
QY 61 PGTAPKLLIYDINKRPSGISDRFSGSKSGTAASLAITGLQTEDEADYYCQSDSSINAQV 120
DB 61 PGTAPKLLIYDINKRPSGISDRFSGSKSGTAASLAITGLQTEDEADYYCQSDSSINAQV 120
QY 121 FGGGTRLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYPGAVTVAWKADSSPVK 180
DB 121 FGGGTRLTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYPGAVTVAWKADSSPVK 180
QY 181 AGVETTTSPKQSNKNKYAASSYLSTLPQWKSHRSYSCQVTHGSGTVEKTVAPTECS 236
DB 181 AGVETTTSPKQSNKNKYAASSYLSTLPQWKSHRSYSCQVTHGSGTVEKTVAPTECS 236

RESULT 3
US-10-124-905-10
Sequence 10, Application US/10124905
Publication No. US20020166136A1
GENERAL INFORMATION:
APPLICANT: Anderson, Darrell R.
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF, AND USE THEREOF AS IMMUNOSUPPRESSANTS"
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: 699 Prince Street
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/124,905
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/383,916
FILING DATE:
APPLICATION NUMBER: US 08/487,550
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Teskin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-131
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6620
TELEFAX: 703-836-2021
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 236 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-10-124-905-10

Query Match 100.0%; Score 1232; DB 13; Length 236;

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: June 6, 2004, 12:00:32 ; Search time 9.70921 Seconds
(without alignments)
1254.863 Million cell updates/sec

Title: US-09-758-173-10
Perfect score: 1232
Sequence: 1 MRVPAQLGLLLWLPARGC.....CQVTHEGSTVKIVAPTECS 236

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued patents AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1232	100.0	236	3	US-08-487-550-10
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9	955	77.5	235	2	US-08-378-939-12
10	885	71.8	235	4	US-09-152-060-70
11	882	71.6	233	4	US-09-152-060-88
12	857.5	69.6	233	3	US-08-523-894-6
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16	634.5	51.5	229	4	US-08-907-146-22
17	567	46.0	109	2	US-08-761-277A-51
18	548	44.5	105	1	US-08-422-101-9
19	548	44.5	105	1	US-08-422-091-9
20	548	44.5	105	2	US-08-422-092-9
21	548	44.5	105	2	US-08-788-800-6
22	548	44.5	105	3	US-08-422-093-9
23	548	44.5	105	3	US-08-422-112-9
24	544.5	44.2	200	6	5189147-10
25	543	44.1	106	4	US-09-313-942-14
26	535	43.4	104	4	US-09-025-769B-170
27	522	42.4	241	2	US-07-916-098A-56

28 508.5 41.3 236 1 US-08-157-101A-5 Sequence 5, Appli
29 508 41.2 235 1 US-08-276-852-153 Sequence 153, App
30 508 41.2 235 1 US-08-899-575-153 Sequence 153, App
31 508 41.2 235 1 US-08-899-575-153 Sequence 153, App
32 508 41.2 235 5 PCT-US95-08743-153 Sequence 153, App
33 505 41.0 233 4 US-09-472-087-15 Sequence 15, Appl
34 505 41.0 233 4 US-09-472-087-15 Sequence 15, Appl
35 502.5 40.8 235 3 US-08-812-586-16 Sequence 67, Appl
36 502.5 40.8 235 4 US-09-535-832A-17 Sequence 16, Appl
37 502 40.7 235 4 US-09-472-087-14 Sequence 17, Appl
38 502 40.7 235 4 US-09-472-087-65 Sequence 14, Appl
39 499 40.5 234 4 US-09-740-002-26 Sequence 65, Appl
40 497.5 40.4 234 4 US-09-472-087-17 Sequence 26, Appl
41 497.5 40.4 234 4 US-09-472-087-69 Sequence 17, Appl
42 496.5 40.3 131 1 US-08-305-683A-4 Sequence 69, Appl
43 496 40.3 235 4 US-09-800-729-152 Sequence 4, Appl
44 492.5 40.0 234 3 US-09-049-672A-6 Sequence 152, App
45 492.5 40.0 234 5 PCT-US94-07659-4 Sequence 6, Appl
Sequence 4, Appl

ALIGNMENTS

RESULT 1
US-08-487-550-10
; Sequence 10, Application US/08487550
; Patent No. 6113898
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRINATIZED FORMS THEREOF,
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; TITLE OF INVENTION: IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,550
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 236 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-487-550-10

Query Match 100.0%; Score 1232; DB 3; Length 236;
Best Local Similarity 100.0%; Pred. No. 1.9e-91;
Matches 236; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MRVPAQLGLLLWLPARGCESVLTPPPSVSGAPGKVTISCTGTSNTGGTDLHWYQOL 60
Db 1 MRVPAQLGLLLWLPARGCESVLTPPPSVSGAPGKVTISCTGTSNTGGTDLHWYQOL 60

QY 61 PGAPKLLIYDINKRPSGISDRFSGSKCTAASLAITGLQTEDEADYQCQSDSSINAOV 120
DB 61 PGAPKLLIYDINKRPSGISDRFSGSKCTAASLAITGLQTEDEADYQCQSDSSINAOV 120
QY 121 FGGGRLTLVGLGPKAAPSVTLPFPSSSEELQANKATLVCLISDFYFGAVTVAWKADSSPVK 180
DB 121 FGGGRLTLVGLGPKAAPSVTLPFPSSSEELQANKATLVCLISDFYFGAVTVAWKADSSPVK 180
QY 181 AGVETTPSKQSNKNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS 236
DB 181 AGVETTPSKQSNKNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS 236

RESULT 2

US-09-526-098-10
Sequence 10, Application US/09526098
Patent No. 6492134
GENERAL INFORMATION:
APPLICANT: Anderson, Darrell R.
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
TITLE OF INVENTION: IMMUNOSUPPRESSANTS"
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
STREET: 699 Prince Street
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22314
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/526,098
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/383,916
FILING DATE:
APPLICATION NUMBER: 09/487,550
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Teskin, Robin L.
REGISTRATION NUMBER: 35,030
REFERENCE/DOCKET NUMBER: 012712-131
TELEPHONE: 703-835-6620
TELEFAX: 703-836-2021
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 236 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-526-098-10

Query Match 100.0%; Score 1232; DB 4; Length 236;
Best Local Similarity 100.0%; Pred. No. 1.9e-91;
Matches 236; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 KRVPAGLLGLLWLPFCARCESVLTQPPSVSGAPQKVTISCTGTSNIGGYDLHWYQOL 60
QY 61 PGAPKLLIYDINKRPSGISDRFSGSKCTAASLAITGLQTEDEADYQCQSDSSINAOV 120
DB 61 PGAPKLLIYDINKRPSGISDRFSGSKCTAASLAITGLQTEDEADYQCQSDSSINAOV 120
QY 121 FGGGRLTLVGLGPKAAPSVTLPFPSSSEELQANKATLVCLISDFYFGAVTVAWKADSSPVK 180

DB 121 FGGGRLTLVGLGPKAAPSVTLPFPSSSEELQANKATLVCLISDFYFGAVTVAWKADSSPVK 180
QY 181 AGVETTPSKQSNKNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS 236
DB 181 AGVETTPSKQSNKNKYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVEKTVAPTECS 236

RESULT 3

US-09-049-672A-7
Sequence 7, Application US/09049672A
Patent No. 6135941
GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.
APPLICANT: Lal, Preeti
APPLICANT: Tang, Y. Tom
APPLICANT: Yue, Henry
APPLICANT: Au-Young, Janice
APPLICANT: Corley, Neil C.
APPLICANT: Guegler, Karl J.
APPLICANT: Baughn, Mariah R.
TITLE OF INVENTION: HUMAN IMMUNE SYSTEM ASSOCIATED PROTEINS
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/049,672A
FILING DATE: HEREWITH
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Cerrone, Michael C
REGISTRATION NUMBER: 39,132
REFERENCE/DOCKET NUMBER: PF-0497 US
TELEPHONE: 650-855-0555
TELEFAX: 650-845-4166
TELEX:
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 236 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: ADREUT05
CLONE: 2492122
US-09-049-672A-7

Query Match 85.4%; Score 1052.5; DB 3; Length 236;
Best Local Similarity 89.3%; Pred. No. 4.7e-77;
Matches 204; Conservative 10; Mismatches 16; Indels 1; Gaps 1;

QY 7 LLGLLLWLPFCARCESVLTQPPSVSGAPQKVTISCTGTSNIG-GYDLHWYQOLPOTAP 65
DB 6 LLLTLLAHTCGSWAQSVLTQPPSVSGAPQKVTISCTGTSNIGAGYDVHWYQOLPOTAP 65
QY 66 KLLIYDINKRPSGISDRFSGSKCTAASLAITGLQTEDEADYQCQSDSSINAOVFCGGT 125
DB 66 KLLIYGRNRPSGVDRFSGSKTSASLAITGLQAEADYQCQSDSSINAOVFCGGT 125

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 7, 2004, 01:56:45 ; Search time 1155.25 Seconds
(without alignments)
5650.904 Million cell updates/sec

Title: US-09-758-173-11
Perfect score: 1431
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Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 2995936 seqs, 2280998010 residues

Total number of hits satisfying chosen parameters: 5991872

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:

- 1: /cgn2_6/ptodata/1/pubpna/US07_PUBCOMB.seq.*
- 2: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq.*
- 3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq.*
- 4: /cgn2_6/ptodata/1/pubpna/US06_PUBCOMB.seq.*
- 5: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq.*
- 6: /cgn2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq.*
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- 9: /cgn2_6/ptodata/1/pubpna/US09A_PUBCOMB.seq.*
- 10: /cgn2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq.*
- 11: /cgn2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq.*
- 12: /cgn2_6/ptodata/1/pubpna/US09_NEW_PUB.seq.*
- 13: /cgn2_6/ptodata/1/pubpna/US10A_PUBCOMB.seq.*
- 14: /cgn2_6/ptodata/1/pubpna/US10B_PUBCOMB.seq.*
- 15: /cgn2_6/ptodata/1/pubpna/US10C_PUBCOMB.seq.*
- 16: /cgn2_6/ptodata/1/pubpna/US10D_PUBCOMB.seq.*
- 17: /cgn2_6/ptodata/1/pubpna/US10_NEW_PUB.seq.*
- 18: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq.*
- 19: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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4	1431	100.0	1431	15	US-10-124-807-11
5	1431	100.0	1431	15	US-10-291-532-11
6	1429.4	99.9	1431	14	US-10-073-138-6
7	1315.8	91.9	1431	9	US-09-948-4298-3
8	1315.8	91.9	1431	13	US-09-758-173-3
9	1315.8	91.9	1431	14	US-10-124-905-3
10	1315.8	91.9	1431	15	US-10-124-807-3
11	1315.8	91.9	1431	15	US-10-291-532-3
12	1314.2	91.8	1431	14	US-10-073-138-2
13	1182.8	82.7	1566	16	US-10-108-260A-1850
14	1181	82.5	1404	15	US-10-211-357-7

15	1177.8	82.3	1404	15	US-10-211-357-11
16	1176.2	82.2	1404	15	US-10-211-357-9
17	1170.6	81.8	1401	13	US-10-292-088-69
18	1169	81.7	1401	13	US-10-292-088-85
19	1163.4	81.3	1395	13	US-10-292-088-21
20	1151	80.4	1428	15	US-10-203-754A-40
21	1149.8	80.3	1401	13	US-10-292-088-29
22	1134.8	79.3	1428	9	US-09-740-002-17
23	1134.8	79.3	1428	16	US-10-384-356-17
24	1134.8	79.3	1428	17	US-10-325-698-17
25	1134	79.2	1425	16	US-10-461-148-11
26	1134	79.2	1430	10	US-09-848-832-1
27	1134	79.2	1430	15	US-10-225-108A-1
28	1134	79.2	1644	16	US-10-291-265-159
29	1134	79.2	1673	13	US-10-342-887-1932
30	1134	79.2	1673	13	US-10-172-118-1932
31	1133.4	79.2	1798	9	US-09-925-299-230
32	1133.4	79.2	1798	10	US-09-925-299-230
33	1130.6	79.0	1633	16	US-10-108-260A-2197
34	1125.2	78.6	1428	9	US-09-740-002-19
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36	1125.2	78.6	1428	17	US-10-325-698-19
37	1122.8	78.5	1599	9	US-09-954-456-789
38	1122.8	78.5	1599	9	US-09-954-456-1604
39	1122.8	78.5	1599	10	US-09-960-706-704
40	1122.8	78.5	1599	10	US-09-873-319-445
41	1122.8	78.5	1599	10	US-09-873-367C-110
42	1122.8	78.5	1599	17	US-10-641-643-1120
43	1118	78.1	1431	15	US-10-225-108A-15
44	1118	78.1	1431	16	US-10-461-148-8
45	1118	78.1	1449	9	US-09-747-669-1

ALIGNMENTS

RESULT 1

US-09-948-4298-11
Sequence 11, Application US/099484298
Patent No. US20020177689A1
GENERAL INFORMATION:

APPLICANT: Anderson, Darrell R.

TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF.

TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS"

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESSES:

ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS

STREET: 699 Prince Street

CITY: Alexandria

STATE: VA

COUNTRY: USA

ZIP: 22314

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.30

APPLICATION NUMBER: US/09/948,429B

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Teskin, Robin L.

REGISTRATION NUMBER: 35,030

REFERENCE/DOCKET NUMBER: 012712-131

TELECOMMUNICATION INFORMATION:

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 7, 2004, 00:41:24 ; Search time 113.19 Seconds
(without alignments)
7015.931 Million cell updates/sec

Title: US-09-758-173-11

Perfect score: 1431

Sequence: 1 ATGAACACTGCTGCTTCTT.....CCCTGCTCGGGTAATGA 1431

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000600

Post-processing: Minimum Match 0%

Maximum Match 100%

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- 3: /cgn2_6/ptodata/2/ina/6A_COMB.seq.*
- 4: /cgn2_6/ptodata/2/ina/6B_COMB.seq.*
- 5: /cgn2_6/ptodata/2/ina/PTCUS_COMB.seq.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	DB ID	Description
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4	1315.8	91.9	1431	4	US-08-526-098-3
5	1276.4	89.2	1567	3	US-09-049-672A-17
6	1213.6	84.8	1418	4	US-08-793-450-7
7	1181	82.5	1404	3	US-08-523-894-7
8	1177.8	82.3	1404	3	US-08-523-894-11
9	1176.2	82.2	1404	3	US-08-523-894-9
10	1134.8	79.3	1428	1	US-08-488-376-17
11	1134.8	79.3	1428	2	US-08-634-223-17
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13	1134.8	79.3	1428	2	US-08-634-400-17
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Sequence 1120, Ap
Sequence 9, Appli
Sequence 3, Appli
Sequence 7, Appli
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Sequence 2, Appli
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Sequence 68, Appli

ALIGNMENTS

RESULT 1

US-08-487-550-11

; Sequence 11, Application US/08487550

; Patent No. 6113898

; GENERAL INFORMATION:

; APPLICANT: Anderson, Darrell R.

; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC

; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF.

; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

; IMMUNOSUPPRESSANTS"

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESS: BURNS, DOANE, SWECKER & MATHIS

; CITY: Alexandria

; STATE: VA

; COUNTRY: USA

; ZIP: 22314

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/487,550

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Teskin, Robin L.

; REGISTRATION NUMBER: 35,030

; REFERENCE/DOCKET NUMBER: 012712-131

; TELEPHONE: 703-836-6620

; TELEFAX: 703-836-3021

; INFORMATION FOR SEQ ID NO: 11:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 1431 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: not relevant

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; FEATURE:

; NAME/KEY: CDS

; LOCATION: 1..1431

; FEATURE:

; NAME/KEY: mat_peptide

; LOCATION: 1..1431

US-08-487-550-11

Query Match 100.0%; Score 1431; DB 3; Length 1431;

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 6, 2004, 12:00:32 ; Search time 46.5096 Seconds
(without alignments)

2879.347 Million cell updates/sec

Title: US-09-758-173-12

Perfect score: 2549

Sequence: 1 MKHLWFLVLAAPRWLSQ.....MHEALHNYTKSLSPGX 476

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Total number of hits satisfying chosen parameters: 1155919

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

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- 3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
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- 18: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	2549	100.0	476	14	US-10-124-807-12
5	2549	100.0	476	14	US-10-291-532-12
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7	2309	90.6	476	12	US-09-758-173-12
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9	2309	90.6	476	14	US-10-124-807-12
10	2309	90.6	476	14	US-10-291-532-12
11	2218	87.0	467	15	US-10-108-260A-4293
12	2172	85.2	466	12	US-10-292-088-70
13	2166	85.0	466	12	US-10-292-088-86
14	2163	84.9	464	12	US-10-292-088-22
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16	2153.5	84.5	972	15	US-10-418-836-38	Sequence 38, Appl
17	2153.5	84.5	975	15	US-10-418-836-39	Sequence 39, Appl
18	2151.5	84.4	469	12	US-10-404-724-72	Sequence 72, Appl
19	2145.5	84.2	467	14	US-10-211-357-12	Sequence 12, Appl
20	2144.5	84.1	467	14	US-10-211-357-8	Sequence 8, Appl
21	2141	84.0	466	12	US-10-292-088-30	Sequence 30, Appl
22	2138	83.9	580	14	US-10-310-719-37	Sequence 37, Appl
23	2137.5	83.9	467	14	US-10-211-357-10	Sequence 10, Appl
24	2127	83.4	451	10	US-09-925-179-66	Sequence 66, Appl
25	2126	83.4	451	9	US-09-920-171-18	Sequence 18, Appl
26	2126	83.4	451	10	US-09-792-938-2	Sequence 2, Appl
27	2126	83.4	451	14	US-10-113-996-18	Sequence 18, Appl
28	2126	83.4	451	14	US-10-292-869-2	Sequence 2, Appl
29	2124	83.3	451	9	US-09-920-171-14	Sequence 14, Appl
30	2124	83.3	451	9	US-09-920-171-16	Sequence 16, Appl
31	2124	83.3	451	10	US-09-925-179-65	Sequence 65, Appl
32	2124	83.3	451	14	US-10-113-996-14	Sequence 14, Appl
33	2124	83.3	451	14	US-10-113-996-16	Sequence 16, Appl
34	2122.5	83.3	450	9	US-09-796-848A-43	Sequence 43, Appl
35	2122.5	83.3	450	9	US-09-996-288-218	Sequence 218, App
36	2122.5	83.3	450	9	US-09-996-288-250	Sequence 250, App
37	2122.5	83.3	450	10	US-09-996-265-218	Sequence 218, App
38	2122.5	83.3	450	10	US-09-996-265-250	Sequence 250, App
39	2122.5	83.3	475	9	US-09-740-002-25	Sequence 25, Appl
40	2122.5	83.3	475	16	US-10-325-698-25	Sequence 25, Appl
41	2121	83.2	451	10	US-09-925-179-68	Sequence 68, Appl
42	2120.5	83.2	450	9	US-09-796-848A-49	Sequence 49, Appl
43	2120.5	83.2	450	9	US-09-996-288-216	Sequence 216, App
44	2120.5	83.2	450	10	US-09-996-265-216	Sequence 216, App
45	2119.5	83.2	450	9	US-09-796-848A-39	Sequence 39, Appl

ALIGNMENTS

RESULT 1

US-09-948-429B-12
Sequence 12, Application US/09948429B
Patent No. US20020177689A1

GENERAL INFORMATION:

APPLICANT: Anderson, Darrell R.

TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC

TITLE OF INVENTION: TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF.

TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

TITLE OF INVENTION: IMMUNOSUPPRESSANTS"

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS

STREET: 699 Prince Street

CITY: Alexandria

STATE: VA

COUNTRY: USA

ZIP: 22314

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/948,429B

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA: 09/383,916

FILING DATE:

APPLICATION NUMBER: US 08/487,550

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Teskin, Robin L.

REGISTRATION NUMBER: 35,030

REFERENCE/DOCKET NUMBER: 012712-131

TELECOMMUNICATION INFORMATION:

TELEPHONE: 703-836-6620


```
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 476 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-948-429B-12

Query Match      100.0%; Score 2549; DB 9; Length 476;
Best Local Similarity 100.0%; Pred. No. 1.4e-170;
Matches 476; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 61 PGKLEWIGSFYSSSGNTYINPSLKQVITSDTSKNQPSLKLNSMTAADTAIVYCVDR 120
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DB 121 LFSVVGMYNNWFDVWGPGVLTVSSASTKGPSVPLAPSSKSTSGGTAALGCLVKDYFP 180
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DB 181 EPTVSNWNGALTSQVHTFPFPAVLQSSGLYSLSVVTVPSSSLGTQYICNVNHPKSNTKV 240
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DB 241 DKAEPKSCDKTHTCPPCPAPELLGSPVFLPPPKDRLMISRTPEVTCVVDVSHEDP 300
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QY 361 IEKTIKAKGQPREPQVYTLPPSRDELTKNOVSLTCLVKGFYPSDIAVEWESNGQPENNY 420
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DB 421 KTTTPVLDSGSPFLYSKLTVDKSRWQQGNVFCSVWHEALHNHYTQKSLSLSPGK 476

RESULT 2
US-09-758-173-12
; Sequence 12, Application US/09758173
; Publication No. US20010024648A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,"
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/758,173
; FILING DATE:
; CLASSIFICATION:
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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/383,916
; FILING DATE:
; APPLICATION NUMBER: US 08/487,550
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 476 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-758-173-12

Query Match      100.0%; Score 2549; DB 12; Length 476;
Best Local Similarity 100.0%; Pred. No. 1.4e-170;
Matches 476; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MKHLWFFLLVAAPRWLSQVQLQESGPGLVKPSSETLSLTCAVSGSGISGGYGVGWIQRP 60
QY 61 PGKLEWIGSFYSSSGNTYINPSLKQVITSDTSKNQPSLKLNSMTAADTAIVYCVDR 120
DB 61 PGKLEWIGSFYSSSGNTYINPSLKQVITSDTSKNQPSLKLNSMTAADTAIVYCVDR 120
QY 121 LFSVVGMYNNWFDVWGPGVLTVSSASTKGPSVPLAPSSKSTSGGTAALGCLVKDYFP 180
DB 121 LFSVVGMYNNWFDVWGPGVLTVSSASTKGPSVPLAPSSKSTSGGTAALGCLVKDYFP 180
QY 181 EPTVSNWNGALTSQVHTFPFPAVLQSSGLYSLSVVTVPSSSLGTQYICNVNHPKSNTKV 240
DB 181 EPTVSNWNGALTSQVHTFPFPAVLQSSGLYSLSVVTVPSSSLGTQYICNVNHPKSNTKV 240
QY 241 DKAEPKSCDKTHTCPPCPAPELLGSPVFLPPPKDRLMISRTPEVTCVVDVSHEDP 300
DB 241 DKAEPKSCDKTHTCPPCPAPELLGSPVFLPPPKDRLMISRTPEVTCVVDVSHEDP 300
QY 301 EVKFNWYVDGVEVHNAKTKPREEQNSTYRVSVLTVLHQDWLNGKEYKCKVSNKALPAP 360
DB 301 EVKFNWYVDGVEVHNAKTKPREEQNSTYRVSVLTVLHQDWLNGKEYKCKVSNKALPAP 360
QY 361 IEKTIKAKGQPREPQVYTLPPSRDELTKNOVSLTCLVKGFYPSDIAVEWESNGQPENNY 420
DB 361 IEKTIKAKGQPREPQVYTLPPSRDELTKNOVSLTCLVKGFYPSDIAVEWESNGQPENNY 420
QY 421 KTTTPVLDSGSPFLYSKLTVDKSRWQQGNVFCSVWHEALHNHYTQKSLSLSPGK 476
DB 421 KTTTPVLDSGSPFLYSKLTVDKSRWQQGNVFCSVWHEALHNHYTQKSLSLSPGK 476

RESULT 3
US-10-124-905-12
; Sequence 12, Application US/10124905
; Publication No. US20020166136A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,"
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
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QY 61 PKGLEWIGSFYSSSGNTYNNPSLKQVITISDTSKNQFSLKLNMTAADTAATVYVCVDR 120
DB 61 PKGLEWIGSFYSSSGNTYNNPSLKQVITISDTSKNQFSLKLNMTAADTAATVYVCVDR 120
QY 121 LFSVGMVYNNWFDVWGPGVLVTVSSASTKGSVPFLAPSSKSTSGGTAALGCLVKDYFP 180
DB 121 LFSVGMVYNNWFDVWGPGVLVTVSSASTKGSVPFLAPSSKSTSGGTAALGCLVKDYFP 180
QY 181 EPTVSNWNSGALTSVHTFPFPAVLQSSGLYSLSVTVTPSSSLGTQTYICNVNHPKSNTKV 240
DB 181 EPTVSNWNSGALTSVHTFPFPAVLQSSGLYSLSVTVTPSSSLGTQTYICNVNHPKSNTKV 240
QY 241 DKAAPKSCDKTHTCPPCPAPPELLGGPSVFLPPPKDXTLMISRTPEVTCVVDVSHEDP 300
DB 241 DKAAPKSCDKTHTCPPCPAPPELLGGPSVFLPPPKDXTLMISRTPEVTCVVDVSHEDP 300
QY 301 EVKFNWYVDGVEVHNKTPREEQYNSTRVVSVLTVLHQDLNGKEYKCKVSNKALPAP 360
DB 301 EVKFNWYVDGVEVHNKTPREEQYNSTRVVSVLTVLHQDLNGKEYKCKVSNKALPAP 360
QY 361 IEKTIKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGQPENNY 420
DB 361 IEKTIKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGQPENNY 420
QY 421 KTTTPVLDSGSPFLYSKLTVDKSRWQQGNVFCSCVWHEALHNYTKQSLSPGK 476
DB 421 KTTTPVLDSGSPFLYSKLTVDKSRWQQGNVFCSCVWHEALHNYTKQSLSPGK 476

RESULT 2

US-09-526-098-12
; Sequence 12, Application US/09526098
; Patent No. 6492134
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
; TITLE OF INVENTION: TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; TITLE OF INVENTION: IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/09/526,098
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION NUMBER: 09/383,916
; FILING DATE:
; APPLICATION NUMBER: US 08/487,550
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 476 amino acids
; TYPE: amino acid
; TOPOLOGY: linear

MOLECULE TYPE: protein
US-09-526-098-12
Query Match 100.0%; Score 2549; DB 4; Length 476;
Best Local Similarity 100.0%; Pred. No. 1e-198;
Matches 476; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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DB 1 MCHLWFFLLVAAPRWVLSQVQLQESGPGLVKPSETISLTCAVSGGSIISGGYGMWIRQP 60
QY 61 PKGLEWIGSFYSSSGNTYNNPSLKQVITISDTSKNQFSLKLNMTAADTAATVYVCVDR 120
DB 61 PKGLEWIGSFYSSSGNTYNNPSLKQVITISDTSKNQFSLKLNMTAADTAATVYVCVDR 120
QY 121 LFSVGMVYNNWFDVWGPGVLVTVSSASTKGSVPFLAPSSKSTSGGTAALGCLVKDYFP 180
DB 121 LFSVGMVYNNWFDVWGPGVLVTVSSASTKGSVPFLAPSSKSTSGGTAALGCLVKDYFP 180
QY 181 EPTVSNWNSGALTSVHTFPFPAVLQSSGLYSLSVTVTPSSSLGTQTYICNVNHPKSNTKV 240
DB 181 EPTVSNWNSGALTSVHTFPFPAVLQSSGLYSLSVTVTPSSSLGTQTYICNVNHPKSNTKV 240
QY 241 DKAAPKSCDKTHTCPPCPAPPELLGGPSVFLPPPKDXTLMISRTPEVTCVVDVSHEDP 300
DB 241 DKAAPKSCDKTHTCPPCPAPPELLGGPSVFLPPPKDXTLMISRTPEVTCVVDVSHEDP 300
QY 301 EVKFNWYVDGVEVHNKTPREEQYNSTRVVSVLTVLHQDLNGKEYKCKVSNKALPAP 360
DB 301 EVKFNWYVDGVEVHNKTPREEQYNSTRVVSVLTVLHQDLNGKEYKCKVSNKALPAP 360
QY 361 IEKTIKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGQPENNY 420
DB 361 IEKTIKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEMESNGQPENNY 420
QY 421 KTTTPVLDSGSPFLYSKLTVDKSRWQQGNVFCSCVWHEALHNYTKQSLSPGK 476
DB 421 KTTTPVLDSGSPFLYSKLTVDKSRWQQGNVFCSCVWHEALHNYTKQSLSPGK 476

RESULT 3

US-09-049-672A-4
; Sequence 4, Application US/09049672A
; Patent No. 6135941
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Lal, Preeti
; APPLICANT: Tang, Y. Tom
; APPLICANT: Yue, Henry
; APPLICANT: Au-Young, Janice
; APPLICANT: Corley, Neil C.
; APPLICANT: Guegler, Karl J.
; APPLICANT: Baughn, Mariah R.
; TITLE OF INVENTION: HUMAN IMMUNE SYSTEM ASSOCIATED PROTEINS
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/049,672A
; FILING DATE: HEREWITH
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: